

Submitted on 2016-03-04 at 02:39 UTC

CCAFS COFUNDED W1_W2_W3

Title: Developing Climate Smart Villages in LAM.

Start date (dd-MM-yyyy)	01-01-2015	End date (dd-MM-yyyy)	30-12-2016
Management liaison	RP LAM - Latin America Region	Mgmt. liaison contact	Loboguerrero, Ana Maria <a.m.loboguerrero@cgiar.org>
Lead organization	RPL LAM - RPL Latin America	Project leader	Loboguerrero, Ana Maria <a.m.loboguerrero@cgiar.org>
Project type	CCAFS COFUNDED	Detailed project workplan	<Not defined>

Project is working on

Flaship(s)	Region(s)
FP2: Climate Information Services and Climate-Informed Safety Nets	RP LAM: Latin America
FP1: Climate-smart practices	
FP3: Low Emissions Agricultural Development	
FP4: Policies and Institutions for Climate-Resilient Food Systems	

Bilateral project(s) contributing to this project

239 - Innovation platform for improving farmers' adoption of Climate Smart Agriculture technologies: piloting in Honduras and Colombia

Summary

This project will develop activities related to the implementation of CSA technological packages to address climate change impacts, as well as implementation of strategies to engage at community level through a participatory approach in order to create evidence to scale up and out CSA approach through national and regional level stakeholders. The activities of this project include, but not limited to, the implementation of baseline studies, engagement with local level stakeholders, development of context-specific agroclimate services for each CSV in Latin America using ICTs, as well as support on formulation and implementation of local adaptation plans.

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2. Partners

Partner #1

Institution: CIAT - Centro Internacional de Agricultura Tropical

Contacts

Type	Contact	Responsibilities and contributions
Partner	Twyman, Jennifer <j.twyman@cgiar.org>	CIAT through the Gender Team will be in charge of developing the gender baseline survey in LAM CSVs, as well as the development of context-specific interventions based on the analysis of the survey and communities dynamics. Activity 2014-167 *Partner*. Activity 2014-275 *Partner*.

Partner #2

Institution: Fundación EcoHabitats

CCAFS Partner(s) allocating budget

RPL LAM - RPL Latin America

Contacts

Type	Contact	Responsibilities and contributions
Partner	Paz, Liliana <lilianapaz@yahoo.com>	Activity 2014-167 *Leading Partner*. Ecohabitats will implement all the activities in Cauca CSV with the purpose of creating evidence to scale up the CSV approach in the country. Ecohabitats will also make sure to include science evaluation and testing in Cauca community dynamics as well as continue with gender and social differentiation approach through empowering youth within the local planning process.

Partner #3

Institution: Fundación Procuencia Río Las Piedras

CCAFS Partner(s) allocating budget

RPL LAM - RPL Latin America

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Contacts

Type	Contact	Responsibilities and contributions
Partner	Recaman, Liliana <liliana.recaman@yahoo.es>	Activity 2014-167 *Partner*. This partner implemented activities in Cauca during 2015 only.

Partner #4**Institution:** CATIE - Centro Agronómico Tropical de Investigación y Enseñanza**CCAFS Partner(s) allocating budget**

RPL LAM - RPL Latin America

Contacts

Type	Contact	Responsibilities and contributions
Partner	Mercado, Leida <lmercado@catie.ac.cr>	Activity 2014-275 *Leading Partner*. CATIE will implement all the activities in trifinio and Tuma La Dalia CSVs in Central America with the purpose of creating evidence to scale up the CSV approach in the region complementing the work made in the MAP project framework. CATIE will make sure to continue the prioritization framework process and support local planning processes in the CSVs considering gender and social differentiation dimension.

Partner #5**Institution:** Columbia University**Contacts**

Type	Contact	Responsibilities and contributions
Partner	Osgood, Daniel <deo@iri.columbia.edu>	Output 1044: Development of context-specific insurance prototype for Honduran Trifinio area based on El Paraiso prototype

Partner #6**Institution:** ICRAF - World Agroforestry Centre

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Contacts

Type	Contact	Responsibilities and contributions
Partner	Ordoñez, Jenny <j.ordonez@cgiar.org>	Implementation of activities in Tuma La Dalia CSV regrading CSA practices such as agroforestry and related studies.

Partner #7**Institution:** BI - Bioversity International**Contacts**

Type	Contact	Responsibilities and contributions
Partner	van Etten, Jacob <j.vanetten@cgiar.org>	Implementation of activities in the framework of Citizen Science project in Tuma La Dalia CSV.

Partner #8 (Leader)**Institution:** RPL LAM - RPL Latin America**Contacts**

Type	Contact	Responsibilities and contributions
Project Leader	Loboguerrero, Ana Maria <a.m.loboguerrero@cgiar.org>	Coordinate and make sure all the proposed activities and goals are achieved.

Partnerships overall performance over the last reporting period: Overall partners performed as expected within the project. Local partners (Ecohabitats, CATIE and Fundación Rio Piedras) accomplished the goals established. In particular, Ecohabitats worked in linking local activities with municipal/departamental processes, which is key to scale up the CSV approach in Colombia. CATIE, besides its work in the CSVs, is also supporting CCAFS in positioning the CSA approach in Central American countries which enables the environment to scale our influence in the region. The work on gender CIAT was developing is finished. In Nicaragua CSV, ICRAF continues implementing agroforestry measures, however Bioversity wasn't able to implement citizen science approach.

Lessons regarding your partnerships and possible implications for the coming reporting cycle: Issues regarding payments were a problem for partners to develop activities on time, however they managed to achieve all the goals. In 2016, funds are not enough to continue the work with Fundación Rio Piedras regarding participatory agroclimatic services,

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however funding opportunities are being considered and their trajectory will support the continuity of their work. CIAT budget for gender was also cut, therefore the activities regarding gender will be done directly by Ecohabitats and CATIE with advisory from CIAT.

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3. Locations

Project level	Latitude	Longitude	Name
CCAFS Site	13.077	13.077	El Tuma-la Dalia
CCAFS Site	14.75	14.75	Olopa
CCAFS Site	14.99	14.99	Santa Rita
CCAFS Site	-76.62	-76.62	Cauca

4. Outcomes

4.1 Project outcome narrative

Project outcome statement

Organized farmers and indigenous communities in Cauca will support their decision making process through local adaptation plans in terms of their agricultural activities to achieve a sustainable food security for them and their families considering climate as a variable and adopting CSA practices and technologies. Farmers in Tuma La Dalia and Trifinio communities will implement CSA options to adapt to climate change including the use of alternatives such as agroforestry and agroclimate services.

Annual progress towards outcome (end of 2015): Organized farmers will develop a local adaptation plan according to their specific needs and contexts, addressing those key climate challenges more threatening to their sustainable food production and income stability. Farmers site will be sensitized on the use of agroclimate information and identification of adaptation measures with mitigation co-benefits to implement in their farms. Exchange visit will be held in Cauca CSV where key policy makers from different levels will be invited in order to show evidence and promote dissemination of the CSV approach.

Annual progress towards project outcome in the current reporting cycle (2015): In Los Cerrillos-Cauca CSV, local Adaptation Plans have been formulated together with rural families in the CSV, families buy-in has arose motivation among other families in the community and they are summing up to the process. Within the adaptation measures, low-cost precipitation stations have been installed and families are recording while understanding the use of that information. Engagement with decision makers has been made, however due to new elections we are strengthening it with the new administration. National press released an article showing the CSV work with the community to address climate change challenges in rural areas as part of its special issue for COP21. Engagement with key partner to scale out the approach has made progress with the implementation of the approach in the northern part of the country (Mahates, Bolivar) and collaboration with UNEP and FAO is being developed in order to implement the approach in the rest of Cauca and Nariño departments. FONTAGRO project led by CIAT has provided inputs on addressing the CSV as a climate innovation platform that will support permanent learning among key stakeholders. In Trifinio and Nicaragua CSVs, CSA prioritization framework has been developed in order to support farmers decision making process on CSA measures to implement given their context-specific challenges including its cost-benefi analysis. A webpage on CSAPF was launch in CATIE's website. Gender toolkit workshop was done and the manual translated into spanish, which is being disseminated through local NGOs and institutions.

Communication and engagement activities have contributed to achieving your Project outcomes: Engagement: Noruegan Embassy and Trifinio gubernamental body along with CATIE and CCAFS launched the Trifinio CSVs and in Cauca, CCAFS and UNEP are consolidating a partnership to scale up CSV approach in other regions of Colombia.

Evidence documents of progress towards outcomes: <Not defined>

Annual progress towards outcome (end of 2016): Implementation of adaptation measures established in local adaptation plans in prioritized communities, including the use of agroclimate information to support their decision-making process. CSV in Cauca will be used

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as evidence to implement local adaptation plans in other villages in Colombia as the Ministry of Agriculture will be involved following the experience and use it as a champion case within the country. Farmers in Central America CSVs will implement prioritized adaptation measures based on MP-ASAC tool.

Annual progress towards outcome (end of 2017): N/A

Annual progress towards outcome (end of 2018): N/A

Lessons regarding your Theory of Change and implications for the coming planning cycle; e.g. how have your assumptions changed, or do you have stronger evidence for them: <Not defined>

4.2 Contribution to CCAFS Outcomes

RP LAM - Outcome 2019: Meteorological Services generate tailored climate information for decision-makers both at national and local level. Ministries of Agriculture generate and communicate tailored agro-climate services through extension services to help smallholder farmers to reduce climate risks, as well as food security information to create informed safety nets. Research institutions develop demand-driven insurance options based on agro-climate information, seed markets, and CSA context-specific options. Private Sector contributes to the development and implements insurance options for smallholder farmers.

Indicator #1: FP2 Indicator: Number of regional, national, and/or sub-national initiatives incorporating research outputs to develop or improve major demand-driven, equitable, climate informed services that support rural communities

2019	
Target value: 5	Cumulative target to date: 9
<p>Target narrative: 5 subnational initiatives incorporate research outputs to informed their decision-making process in Colombia (3), Nicaragua (1), Trifinio (1). They will use the evidence of using agroclimate information at community level to increase adaptive capacity and strengthen the decision making process to implement similar approach to other communities and municipalities.</p> <p>National and subnational governments in these countries will use this experience to implement similar approach in other departments of the country in order to increase adaptive capacity and strengthen the decision making process smallholder farmers.</p> <p>This target will be achieved through the annual progress as follows:</p> <p>2015: 3 2016: 2</p>	

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2019		
The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined>		

2015		
Target value: 1	Cumulative target to date: 1	Target achieved: 1.0
Target narrative: Communities in Cauca CSV will use agroclimate information to support their decision-making, they will understand and know how to use seasonal forecasts within their specific context which will be disseminated through simple mechanisms to facilitate their comprehension.		
Narrative for your achieved targets, including evidence: Through the Local Technical Agroclimatic Committee in Cauca, communities are able to use agroclimatic information to inform their decision making process on when to plant and what variety according the agroclimatic forecast given. Since it is a participatory approach, forecasts are validated in each meeting with its members in order to improve the forecast and considering the main concerns/successes they had regarding the recommendations given.		
The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined>		
Narrative for your achieved annual gender and social inclusion contribution to this CCAFS outcome: Local Technical Agroclimatic Committee gathers both indigenous communities, local authorities and cooperatives, in which local tradition and knowledge is considered and used as an input. Indigenous communities are represented by both men and women as well as cooperatives. Training sessions showing how precipitation stations work have been made where youth and women participate actively.		

2016		
Target value: 3	Cumulative target to date: 4	
Target narrative: Two more communities in Colombia within and/or outside Cauca will be using agroclimate information to support their decision making process and will be able to understand climate information given their specific context.		
The expected annual gender and social inclusion contribution to this CCAFS Outcome: Involvement of women to use agroclimatic information for decision making processes.		

2014		
Target value: <Not defined>	Cumulative target to date: 0	Target achieved: <Not defined>
Target narrative: <Not defined>		
Narrative for your achieved targets, including evidence: <Not defined>		
The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined>		

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2014

Narrative for your achieved annual gender and social inclusion contribution to this CCAFS outcome: <Not defined>

RP LAM - Outcome 2019: LAM's producers associations are choosing and promoting CSA context-specific practices through strengthened extension services rescuing ancient and traditional knowledge. Local governments develop equitable local agricultural development plans using CSA context-specific portfolios assessed economically to plan and prioritize their investments focusing on climate variability challenges. NARS develop demand-driven outputs with sufficient technological capacity to address agricultural sector needs to face climate challenges. Private sector works with producer's associations, local and national governments to implement and scale out CSA involving agricultural market agents through innovative approaches (incentives along value chain to access to certification schemes). National governments scale up CSA approach based on successful experiences developed at local level.

Indicator #1: FP1 Indicator: # of national and subnational development initiatives and public institutions that prioritize and inform project implementation of equitable best bet CSA options using CCAFS science and decision support tools

2019

Target value: 3

Cumulative target to date: 6

Target narrative: Local adaptation plans will be in place and implemented by 3 communities including CCAFS LAM CSVs. Local governments will use the evidence generated at the CSV in Cauca to formulate and implement policies useful to scale out to other communities CSA options and local adaptation planning approach.

This target will be achieved through the annual progress as follows:

2015: 1

2016: 2

The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined>

2015

Target value: 1

Cumulative target to date: 1

Target achieved: 1.0

Target narrative: Los Cerrillos village (CSV) in Cauca will develop local adaptation plans through a participatory approach based on the specific context and developing adaptation measures involving both scientific and traditional knowledge.

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2015	
<p>Narrative for your achieved targets, including evidence: 30 families Los Cerrillos-Cauca CSV formulated and started to implement local adaptation plans through a participatory approach based on the specific context and developing adaptation measures involving both scientific and traditional knowledge. This was done through 16 workshops with the families using the approach "learning-by-doing" including: productive characterization of 30 farms and 7 adaptation measures (circular home gardens, ram pumps, water harvest, drip vertical home garden, pumps, water reservoirs, climate measurement systems). A toolkit of the adaptation measures was developed for dissemination.</p>	
<p>The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined></p>	
<p>Narrative for your achieved annual gender and social inclusion contribution to this CCAFS outcome: Participatory approach includes the involvement of youth throughout the local planning process by training them in communication skills and GIS tools that support discussions within the families and the community. The planning process explores both men and women perspective and reconciles them in order to consider needs, ideas and challenges regarding gender.</p>	

2016	
Target value: 2	Cumulative target to date: 3
<p>Target narrative: At least one more village in Colombia and one in Central America will develop local adaptation plans through a participatory approach based on the specific context and developing adaptation measures involving both scientific and traditional knowledge.</p>	
<p>The expected annual gender and social inclusion contribution to this CCAFS Outcome: Addressing youth within CSV approach by empowering them through the local planning process.</p>	

2014		
Target value: <Not defined>	Cumulative target to date: 0	Target achieved: <Not defined>
<p>Target narrative: <Not defined></p>		
<p>Narrative for your achieved targets, including evidence: <Not defined></p>		
<p>The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined></p>		
<p>Narrative for your achieved annual gender and social inclusion contribution to this CCAFS outcome: <Not defined></p>		

RP LAM - Outcome 2019: National governments design and enact equitable food systems policies and strategies taking adaptation into consideration to support national and regional policy and global climate change negotiations. Private institutions develop and support implementation of NAPs and equivalent policies with their respective investment plans addressing climate challenges to increase food security and resilience to changes in climate.

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Indicator #1: FP4 Indicator: # of equitable national/subnational food system policies enacted that take into consideration climate smart practices and strategies

2019	
Target value: 1	Cumulative target to date: 2
<p>Target narrative: As a result of the evidence generated in several CSVs in the region, at least one countries will include climate smart practices and strategies in relation to food systems in their government development plans or strategies for the agricultural sector.</p> <p>This target will be achieved through the annual progress as follows:</p> <p>2016: 1</p>	
<p>The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined></p>	

2015		
Target value: 0	Cumulative target to date: 0	Target achieved: 1.0
<p>Target narrative: <Not defined></p>		
<p>Narrative for your achieved targets, including evidence: Collaborative work with CATIE, CAC and IICA supported the Declaration of Central American Countries supporting Climate-Smart Agriculture announced during COP21 in Paris.</p> <p>Evidence from Los Cerrillos-Cauca CSV is being built in order to support both Ministry of Agriculture and Environment in strengthening the implementation of CSA in Colombia. Evidence from Central American CSVs is expected to support the implementation of the declaration made in Paris.</p>		
<p>The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined></p>		
<p>Narrative for your achieved annual gender and social inclusion contribution to this CCAFS outcome: Work in CSVs considers the gender and youth approach within the planning processes that is being undertaken by partners and therefore influencing across scales.</p>		

2016	
Target value: 1	Cumulative target to date: 1
<p>Target narrative: As a result of the evidence generated in several CSVs in the region, at least one country will include climate smart practices and strategies in relation to food systems in its government development plans or strategies for the agricultural sector.</p>	
<p>The expected annual gender and social inclusion contribution to this CCAFS Outcome: Addressing youth and women within CSV approach by empowering them through the local planning process</p>	

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2014		
Target value: <Not defined>	Cumulative target to date: 0	Target achieved: <Not defined>
Target narrative: <Not defined>		
Narrative for your achieved targets, including evidence: <Not defined>		
The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined>		
Narrative for your achieved annual gender and social inclusion contribution to this CCAFS outcome: <Not defined>		

4.3 Other Contributions

Contribution to other CCAFS Impact Pathways: <Not defined>

Collaborating with other CRPs: <Not defined>

4.4 Outcome case studies

Outcome case study #1
<p>Title: Climate forecasts tailored to the farmers' needs for better decision making and improve their practices.</p>
<p>Outcome statement: The Local Agroclimatic Bulletin, published after each one of the 4 Local Technical Agroclimatic Committees (MTA in Spanish) established in Colombia, have become a key input for farmers and stakeholders for decision making and changing in their practices: sowing periods, and selecting crops and zones to farm; according to the recommendations and climate forecasts for their area, discussed in the MTAs. These new practices and the decisions taken have an impact on reducing the risks of agricultural production for farmers.</p>
<p>Research Outputs: Training Manual for develop Local Technical Agroclimatic Committees in Colombia (Mayorga & Boshell, 2015a)</p> <p>Proposal of a strategy to scale-up the development of Local Technical Agroclimatic Committees in Colombia (Mayorga & Boshell, 2015b)</p> <p>Report resume of the Local Technical Agroclimatic Committees in Cauca and Cordoba, Colombia (Mayorga & Boshell, 2015c)</p> <p>Local Agroclimatic Bulletins, developed by the MTAs and published by CCAFS (CCAFS, 2015)</p>
<p>Research Partners: Colombian Agricultural Research Corporation (Corpoica): Coordination and implementation of of Cordoba's Local Technical Agroclimatic Committee.</p> <p>Cordoba Univesity, active member of the MTA in Cordoba developing parallel research to support MTA inputs on climate analysis.</p> <p>International Center for Tropical Agriculture (CIAT) in supporting CCAFS with the development of MTA in Magdalena.</p> <p>Institute of Hydrology, Meteorology and Environmental Studies of Colombia (IDEAM): produced climate forecasts at national and regional level used as inputs for downscaling.</p>
<p>Activities that contributed to the outcome: The MTAs are being developed with the participation of multiple local stakeholders such as public institutions, producers' associations, universities and private sector, to share and discuss the results of the modelling of local climate and local weather forecast on the long and short-term. The participants also discuss adaptation measures by crops and zones, and deliver the inputs for the Bulletin, with conclusions and recommendations of the committees.</p> <p>The Bulletins are published by CCAFS and delivered through internet and socialmedia channels and hard copies printed by the local partners. Extension services technicians have stated that the bulletins are key drivers of improvement in the yields and saving in crops, by changing the sowing dates and following the recommendations for better farming practices.</p> <p>The inclusion of the MTAs in one of the adaptation measures of the Colombia's INDC is a key evidence of the trust of the government in the MTA approach.</p>

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Non-research Partners: Partners engaged with the MTA development: Ministry of Agriculture and Rural Development (MADR), National Rice Growers Federation (Fedearroz), National Federation of Cereals and Legumes Growers (Fenalce), Association of Banana Growers of Magdalena and La Guajira (Asbama) and Foundation for the Development of Las Piedras Basin in Cauca.

Stakeholders who participate on the MTAs: Colombian Federation of Cotton (Conalgodón), Universidad de Córdoba, Colombian Agricultural Institute (ICA), Regional Environmental Authorities (CARs) such as CRC (Cauca), CVS (Córdoba) and Corpomojana (Sucre).

Output Users: Extension services Technicians
Farmer's associations
Local extension services (UMATA in Spanish)
Ministry of Agriculture and Rural Development (MADR) and regional and local secretariats of agriculture

How the output was used: Extension services, farmer's associations and UMATAs used the Bulletins for planning and decide on crop types and zones. Government officers used the manual, reports and proposals to scale-up the MTA approach in other zones of the country, reaching up to 15 MTAs by 2030, as stated in the Colombian NDC.

Evidence of the outcome: Colombia's iNDC: Mentioning the MTAs as an adaptation commitment (page 9, bullet 10):

https://www.minambiente.gov.co/images/cambioclimatico/pdf/colombia_hacia_la_COP21/iNDC_ingles.pdf

Fund for the Financing the Agricultural Sector (Finagro): Mentioning the Bulletins as an approach to improve the competitiveness for the agricultural sector <https://www.finagro.com.co/productos-y-servicios/ISA/gesti%C3%B3n-de-riesgos-agropecuarios>

Information and Communication Network of the Colombian Agricultural Sector (Agronet): Agroclimatic Bulletins <http://www.agronet.gov.co/Paginas/Boletines-Agroclim%C3%A1ticos.aspx>

References: Mayorga, R., Boshell, F. (2015a). Manual para orientar el establecimiento de las Mesas Técnicas Agroclimáticas en otras zonas del país. Bogotá DC: CCAFS. Available at https://ccafs.cgiar.org/sites/default/files/projects/attachments/Manual_para_orientar_establecimiento_MTA_en_Colombia.pdf

Mayorga, R., Boshell, F. (2015b). Propuesta de la estrategia para escalar la implementación de las Mesas Técnicas Agroclimáticas en otras zonas del país. Bogotá DC: CCAFS. Available at https://ccafs.cgiar.org/sites/default/files/projects/attachments/Propuesta_para_escalar_implementacion_MTA_en_Colombia.pdf

Mayorga, R., Boshell, F. (2015c). Consolidado de la Memorias de las Reuniones de las Mesas Técnicas Agroclimáticas en Cauca y Córdoba. Bogotá DC: CCAFS. Available at https://ccafs.cgiar.org/sites/default/files/projects/attachments/Consolidado_memorias_MTA_Cauca_Cordoba.pdf

CCAFS (2015). Boletín Agroclimático Local: Córdoba, Cauca, Sucre y MCG. Cali, Colombia: CCAFS. Available at <https://ccafs.cgiar.org/es/boletin-agroclimatico-regional>

The primary 2019 outcome indicator that this case study is contributing to:

FP1 Indicator: # of national and subnational development initiatives and public institutions that prioritize and inform project implementation of equitable best bet CSA options using CCAFS science and decision support tools

FP2 Indicator: Number of regional, national, and/or sub-national initiatives incorporating research outputs to develop or improve major demand-driven, equitable, climate informed services that support rural communities

Explanation of the link between your outcome story and the CCAFS indicators:

Year: 2015

Annexes uploaded: [INDC-Consolidado.pdf](#)

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5. Project outputs

5.1 Overview by MOGs

Major Output groups - 2019
<p>FP2 - MOG # 4: Decision support systems improved or developed for incorporation into national food security safety net programs</p> <p>Brief bullet points of your expected annual 2019 contribution towards the selected MOG <Not defined></p> <p>Brief plan of the gender and social inclusion dimension of the expected annual output <Not defined></p>
<p>FP4 - MOG # 1: Improved national planning processes through policy analyses, (re)formulation and implementation; and stakeholder analyses and engagement through scenarios, learning alliances and science-policy dialogues</p> <p>Brief bullet points of your expected annual 2019 contribution towards the selected MOG <Not defined></p> <p>Brief plan of the gender and social inclusion dimension of the expected annual output <Not defined></p>
<p>FP1 - MOG # 3: Approaches, strategies and scaling up/out mechanisms (e.g CSV), for enhanced adaptive capacity and resilience from the field to the sub-national level (LAM, WA, SA, EA, SEA)</p> <p>Brief bullet points of your expected annual 2019 contribution towards the selected MOG <Not defined></p> <p>Brief plan of the gender and social inclusion dimension of the expected annual output <Not defined></p>
<p>FP1 - MOG # 1: Context specific (targeted) suitable CSA options and portfolios that build on traditional knowledge, meet the needs of farmers and enhance productivity, adaptive capacity, food security and social equity (LAM, WA, EA, SA, SEA)</p> <p>Brief bullet points of your expected annual 2019 contribution towards the selected MOG <Not defined></p> <p>Brief plan of the gender and social inclusion dimension of the expected annual output <Not defined></p>

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FP1 - MOG # 2: Biophysical, socio-economical and tradeoffs analyses (incl. enabling environments and gender), innovative methods, engagement approaches and customized decision support tools for CSA prioritization, wide scale adoption, local adaptation and investment planning (LAM, WA, EA, SA, SEA)

Brief bullet points of your expected annual 2019 contribution towards the selected MOG

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

FP2 - MOG # 2: New knowledge, capacity, and tools supporting the provision of equitable climate services for farmers are developed

Brief bullet points of your expected annual 2019 contribution towards the selected MOG

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

FP2 - MOG # 1: New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries

Brief bullet points of your expected annual 2019 contribution towards the selected MOG

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

FP4 - MOG # 4: Improved regional/global investment choices through appropriately contextualised priority setting, drawing on global foresight and socio-economic regional scenarios

Brief bullet points of your expected annual 2019 contribution towards the selected MOG

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Major Output groups - 2014

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FP2 - MOG # 4: Decision support systems improved or developed for incorporation into national food security safety net programs

Brief bullet points of your expected annual 2014 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2014 contribution towards the selected MOG:

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2014 outputs:

<Not defined>

FP4 - MOG # 1: Improved national planning processes through policy analyses, (re)formulation and implementation; and stakeholder analyses and engagement through scenarios, learning alliances and science-policy dialogues

Brief bullet points of your expected annual 2014 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2014 contribution towards the selected MOG:

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2014 outputs:

<Not defined>

FP1 - MOG # 3: Approaches, strategies and scaling up/out mechanisms (e.g CSV), for enhanced adaptive capacity and resilience from the field to the sub-national level (LAM, WA, SA, EA, SEA)

Brief bullet points of your expected annual 2014 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2014 contribution towards the selected MOG:

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2014 outputs:

<Not defined>

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FP1 - MOG # 1: Context specific (targeted) suitable CSA options and portfolios that build on traditional knowledge, meet the needs of farmers and enhance productivity, adaptive capacity, food security and social equity (LAM, WA, EA, SA, SEA)

Brief bullet points of your expected annual 2014 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2014 contribution towards the selected MOG:

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2014 outputs:

<Not defined>

FP1 - MOG # 2: Biophysical, socio-economical and tradeoffs analyses (incl. enabling environments and gender), innovative methods, engagement approaches and customized decision support tools for CSA prioritization, wide scale adoption, local adaptation and investment planning (LAM, WA, EA, SA, SEA)

Brief bullet points of your expected annual 2014 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2014 contribution towards the selected MOG:

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2014 outputs:

<Not defined>

FP2 - MOG # 2: New knowledge, capacity, and tools supporting the provision of equitable climate services for farmers are developed

Brief bullet points of your expected annual 2014 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2014 contribution towards the selected MOG:

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2014 outputs:

<Not defined>

Submitted on 2016-03-04 at 02:39 UTC

FP2 - MOG # 1: New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries

Brief bullet points of your expected annual 2014 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2014 contribution towards the selected MOG:

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2014 outputs:

<Not defined>

FP4 - MOG # 4: Improved regional/global investment choices through appropriately contextualised priority setting, drawing on global foresight and socio-economic regional scenarios

Brief bullet points of your expected annual 2014 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2014 contribution towards the selected MOG:

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2014 outputs:

<Not defined>

Major Output groups - 2015

FP2 - MOG # 4: Decision support systems improved or developed for incorporation into national food security safety net programs

Brief bullet points of your expected annual 2015 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2015 contribution towards the selected MOG:

Bulletins from Local Technical Agroclimatic Committee in Cauca are used to support decision making processes in Los Cerrillos-Cauca CSV.

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2015 outputs:

Every action in Los Cerrillos-CSV includes gender and social inclusion perspective. Young people is being encouraged in order to understand climate variables and how to measure them using low cost stations. Decisions regarding agriculture activity and climate predictions are taken through a family discussion.

Submitted on 2016-03-04 at 02:39 UTC

FP4 - MOG # 1: Improved national planning processes through policy analyses, (re)formulation and implementation; and stakeholder analyses and engagement through scenarios, learning alliances and science-policy dialogues

Brief bullet points of your expected annual 2015 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2015 contribution towards the selected MOG:

Departmental government is interested in using Local Adaptation Plans as a strategy to include in the Departmental Development Plan, this engagement has been made based on the evidence showed in the Los Cerrillos-Cauca CSV.

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2015 outputs:

Understanding local context is of particular importance when it comes to research projects encompassing social topics such as gender and climate change. We work very closely with men and women farmers on a daily basis.

<https://ccafs.cgiar.org/es/blog/investigaci%C3%B3n-con-perspectiva-de-g%C3%A9nero-en-colombia-una-historia-mejor-contada-con-fotos#.Vtj5PI95hE>

FP1 - MOG # 3: Approaches, strategies and scaling up/out mechanisms (e.g CSV), for enhanced adaptive capacity and resilience from the field to the sub-national level (LAM, WA, SA, EA, SEA)

Brief bullet points of your expected annual 2015 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2015 contribution towards the selected MOG:

Mahates CSV is a result of the success of the approach in Los Cerrillos-Cauca, since Fundación del Dique started its own CSV. Advances have been made with UNEP and FAO to implement CSV approach in other villages of their interest in Cauca and Narino.

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2015 outputs:

Every action in Los Cerrillos-CSV includes gender and social inclusion perspective. Local Adaptation Plans are developed by the family securing the consideration of each member point of view.

Submitted on 2016-03-04 at 02:39 UTC

FP1 - MOG # 1: Context specific (targeted) suitable CSA options and portfolios that build on traditional knowledge, meet the needs of farmers and enhance productivity, adaptive capacity, food security and social equity (LAM, WA, EA, SA, SEA)

Brief bullet points of your expected annual 2015 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2015 contribution towards the selected MOG:

CSA Prioritization framework developed in Rio Las Piedras-Cauca, practices portfolios were developed building on indigenous knowledge and testing practices to evaluate their contribution to productivity and adaptation.

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2015 outputs:

New field manual captures farmers' climate adaptation activities in Colombia, usual summary of local climate adaptation and mitigation activities in Río Las Piedras, Cauca in Colombia.

<https://ccafs.cgiar.org/blog/new-field-manual-captures-farmers-climate-adaptation-activities-colombia#.Vtjkrfl95hE>

FP1 - MOG # 2: Biophysical, socio-economical and tradeoffs analyses (incl. enabling environments and gender), innovative methods, engagement approaches and customized decision support tools for CSA prioritization, wide scale adoption, local adaptation and investment planning (LAM, WA, EA, SA, SEA)

Brief bullet points of your expected annual 2015 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2015 contribution towards the selected MOG:

Cost benefit analysis of the CSA prioritized practices was developed in Río Las Piedras, Cauca in Colombia.

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2015 outputs:

No specific activities on gender dimension undertaken.

Submitted on 2016-03-04 at 02:39 UTC

FP2 - MOG # 2: New knowledge, capacity, and tools supporting the provision of equitable climate services for farmers are developed

Brief bullet points of your expected annual 2015 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2015 contribution towards the selected MOG:

Bulletins translated to simpler language for indigenous communities in order to understand agroclimatic forecast provided in the Local Technical Agroclimatic Committee in Cauca.
Low cost extension were installed by farmers to start recording precipitation and understanding its use.

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2015 outputs:

Young people are learning how to understand climate data.

FP2 - MOG # 1: New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries

Brief bullet points of your expected annual 2015 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2015 contribution towards the selected MOG:

More engagement is needed with meteorological institution, given that the scope is very local, the information used has been historical data from near meteorological stations and analysis done by CCAFS team.

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2015 outputs:

No specific activities on gender have been done.

FP4 - MOG # 4: Improved regional/global investment choices through appropriately contextualised priority setting, drawing on global foresight and socio-economic regional scenarios

Brief bullet points of your expected annual 2015 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2015 contribution towards the selected MOG:

Scenarios work will be done during 2016 in order to support local planning processes. Departmental government is interested in the methodology for programs starting this year.

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2015 outputs:

No specific activities on gender have been done.

Major Output groups - 2016

FP2 - MOG # 4: Decision support systems improved or developed for incorporation into national food security safety net programs

Brief bullet points of your expected annual 2016 contribution towards the selected MOG

Local Agroclimatic Committees in Colombia inserted within government priorities as announced in formal INDCs will support decision local networks based on agroclimatic information tailored for farmers considering their context specificities.

Brief plan of the gender and social inclusion dimension of the expected annual output

Women and youth will keep being part of the Local Agroclimatic Committees and their role will be documented.

FP4 - MOG # 1: Improved national planning processes through policy analyses, (re)formulation and implementation; and stakeholder analyses and engagement through scenarios, learning alliances and science-policy dialogues

Brief bullet points of your expected annual 2016 contribution towards the selected MOG

The evidence generated from CSV approach is expected to be included within one of the strategies within national policies in Colombia in the agricultural and environmental sector.

Brief plan of the gender and social inclusion dimension of the expected annual output

The CSV process is based on a gender approach by making emphasis in family role and youth capacity building.

FP1 - MOG # 3: Approaches, strategies and scaling up/out mechanisms (e.g CSV), for enhanced adaptive capacity and resilience from the field to the sub-national level (LAM, WA, SA, EA, SEA)

Brief bullet points of your expected annual 2016 contribution towards the selected MOG

Scaling out of Local Adaptation Plans in Colombia and implementation of these processes in Central America.

Brief plan of the gender and social inclusion dimension of the expected annual output

The planning process is based on a gender approach by making emphasis in family role and youth capacity building to increase incentives for them to work in agriculture.

FP1 - MOG # 1: Context specific (targeted) suitable CSA options and portfolios that build on traditional knowledge, meet the needs of farmers and enhance productivity, adaptive capacity, food security and social equity (LAM, WA, EA, SA, SEA)

Brief bullet points of your expected annual 2016 contribution towards the selected MOG

CSVs communities exchanges on traditional knowledge to support their local planning processes.

Brief plan of the gender and social inclusion dimension of the expected annual output

The planning process is based on a gender approach by making emphasis in family role and youth capacity building to increase incentives for them to work in agriculture.

Submitted on 2016-03-04 at 02:39 UTC

FP1 - MOG # 2: Biophysical, socio-economical and tradeoffs analyses (incl. enabling environments and gender), innovative methods, engagement approaches and customized decision support tools for CSA prioritization, wide scale adoption, local adaptation and investment planning (LAM, WA, EA, SA, SEA)

Brief bullet points of your expected annual 2016 contribution towards the selected MOG

CSA prioritization framework implementation in LAM CSVs.

Brief plan of the gender and social inclusion dimension of the expected annual output

The framework does not include a specific module for gender, however participation could be used to do follow up their decision making increase due to involvement in identifying CSA practices prioritization

FP2 - MOG # 2: New knowledge, capacity, and tools supporting the provision of equitable climate services for farmers are developed

Brief bullet points of your expected annual 2016 contribution towards the selected MOG

Local Agroclimatic Committees is building capacity through training courses that will increase local capacity to generate, analyze and use of agroclimatic information.

Brief plan of the gender and social inclusion dimension of the expected annual output

Women and youth will keep being part of the Local Agroclimatic Committees and their role will be documented.

FP2 - MOG # 1: New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries

Brief bullet points of your expected annual 2016 contribution towards the selected MOG

Local Agroclimatic Committees will allow improving decision making process by using agroclimatic information in agriculture activities promoted by the Ministry of Agriculture.

Brief plan of the gender and social inclusion dimension of the expected annual output

Women and youth will keep being part of the Local Agroclimatic Committees and their role will be documented.

FP4 - MOG # 4: Improved regional/global investment choices through appropriately contextualised priority setting, drawing on global foresight and socio-economic regional scenarios

Brief bullet points of your expected annual 2016 contribution towards the selected MOG

Through socio economic scenarios policy robustness will be addressed based on the experience achieved in other countries of the region in national adaptation plans, and INDCs.

Brief plan of the gender and social inclusion dimension of the expected annual output

So far modelling does not include a gender module, however in the narrative of the scenarios women's role is often highlighted by national stakeholders.

Lessons regarding your major outputs groups (MOGs) and possible implications for the coming planning cycle: <Not defined>

Submitted on 2016-03-04 at 02:39 UTC

5.2 Deliverables

Deliverable #1

Main Information	
Title: Results of CCAFS baseline studies in Cauca	
MOG # 1: Context specific (targeted) suitable CSA options and portfolios that build on traditional knowledge, meet the needs of farmers and enhance productivity, adaptive capacity, food security and social equity (LAM, WA, EA, SA, SEA)	
Main Type: Reports, Reference Materials and Other Papers	Sub Type: Research report
Year of expected completion: 2015	
Status: Complete	

Next-user
Juntas de Acción Comunal (Community level organizations), local government
Knowledge, attitude, skills and practice changes expected in next-user: They will be able to use this information to support their decision making process and formulation and implementation of local initiatives based on analysis of data that characterizes their community and allows providing a state of art on different aspects in socioeconomic, biophysical and climate terms.
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: The baseline studies process was socialized with the communities before the implementation and they gave their approval and support because they understood the benefits of this activity.

Partners contributing to this deliverable
Partner #1 (Responsible): Paz, Liliana <lilianapaz@yahoo.com>, Fundación EcoHabitats

Deliverable Ranking	
Address gender and social inclusion aspect	4
Potential for/ actual contribution to outcomes	3
Level of shared ownership (partnerships across org.)	4
What is your personal perspective of the importance of this product	5

Deliverable dissemination
Open access restriction: Yes
License adopted: <Not defined>

Submitted on 2016-03-04 at 02:39 UTC

Dissemination Channel: -1
Dissemination URL: <Not defined>

Deliverable Metadata
Description: Reports on CCAFS Baseline Studies conducted in Latin America CSVs (Trifinio-Santa Rita, Trifinio-Olopa, Nicaragua-Tuma La Dalia and Colombia-Cauca). These studies were developed by CCAFS partners: CATIE in Central America and Fundación Ecohabitats in Colombia. The studies include household, community and organization levels.
Creator / Authors: CATIE, Fundación Ecohabitats
Author Identifier: <Not defined>
Publication / Creation date: December 2015
Language: Spanish and English
Coverage: Latin America

Deliverable Data sharing
Deliverable files <Not defined>

Deliverable #2

Main Information	
Title: Equitable Local Adaptation Plans to climate variability and changes for communities in Cauca	
MOG # 1: Context specific (targeted) suitable CSA options and portfolios that build on traditional knowledge, meet the needs of farmers and enhance productivity, adaptive capacity, food security and social equity (LAM, WA, EA, SA, SEA)	
Main Type: Reports, Reference Materials and Other Papers	Sub Type: Case Study
Year of expected completion: 2016	
Status: <Not defined>	

Next-user
Juntas de Accion Comunal, community associations
Knowledge, attitude, skills and practice changes expected in next-user: Juntas de acción Comunal will plan their activities considering climate and based on the prioritized issues included in local adaptation plans to face climate impacts. The plans are going to be implemented because these will be developed jointly with the communities focusing on their needs.

Submitted on 2016-03-04 at 02:39 UTC

Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: The Juntas de Acción Comunal will participate and develop the local adaptation plans together with Fundación Ecohabitats and CCAFS scientists, this will guarantee their empowerment and implementation.

Partners contributing to this deliverable

Partner #1 (Responsible): Paz, Liliana <lilianapaz@yahoo.com>, Fundación EcoHabitats

Deliverable Ranking

Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination

Open access restriction: <Not defined>
License adopted: <Not defined>
Dissemination Channel: <Not defined>
Dissemination URL: <Not defined>

Deliverable Metadata

Description: <Not defined>
Creator / Authors: <Not defined>
Author Identifier: <Not defined>
Publication / Creation date: <Not defined>
Language: <Not defined>
Coverage: <Not defined>

Deliverable Data sharing

Deliverable files
<Not defined>

Deliverable #3

Submitted on 2016-03-04 at 02:39 UTC

Main Information	
Title: Materials of agroclimate information and CSA options for communities in Cauca	
MOG # 1: New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries	
Main Type: Reports, Reference Materials and Other Papers	Sub Type: Reference material
Year of expected completion: 2015	
Status: Complete	

Next-user
Juntas de Acción Comunal, small producer associations in Cauca
Knowledge, attitude, skills and practice changes expected in next-user: They will know agroclimate characteristics of their area, and based on that will be able to implement CSA options and will decide based on this information on their agricultural activities. The information generated will meet their needs because they will be involved along the project in the development of this information.
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Develop together with the communities the materials and developing training workshops to explain the information that is being produced. The materials and information generated will be based on the prioritization made by the communities and context-specific characteristics.

Partners contributing to this deliverable
Partner #1 (Responsible): Loboguerrero, Ana Maria <a.m.loboguerrero@cgiar.org>, RPL LAM - RPL Latin America

Deliverable Ranking	
Address gender and social inclusion aspect	1
Potential for/ actual contribution to outcomes	4
Level of shared ownership (partnerships across org.)	5
What is your personal perspective of the importance of this product	5

Deliverable dissemination
Open access restriction: Yes
License adopted: <Not defined>
Dissemination Channel: other
Dissemination URL: https://ccaafs.cgiar.org/es/primera-reuni%C3%B3n-de-las-mesas-t%C3%A9cnicas-regionales-sobre-pron%C3%B3sticos-agroclim%C3%A1ticos-en-la-sub-cuenca

Submitted on 2016-03-04 at 02:39 UTC

Deliverable Metadata
Description: Agroclimatic information generated in Local Technical Agroclimatic Committee in Cauca which includes information for Los Cerrillos-Cauca CSV.
Creator / Authors: CCAFS
Author Identifier: <Not defined>
Publication / Creation date: December 2015
Language: Spanish
Coverage: Los Cerrillos-Cauca CSV
Deliverable Data sharing
Deliverable files <Not defined>

Deliverable #4

Main Information	
Title: Agroclimate data for Cauca region focusing on Los Cerrillos and Puracé Communities	
MOG # 1: New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries	
Main Type: Data and information outputs, including datasets, databases and models	Sub Type: Information outputs
Year of expected completion: 2015	
Status: Complete	

Next-user
Cauca Communities in Los Cerrillos and Puracé
Knowledge, attitude, skills and practice changes expected in next-user: They will be able to understand agroclimate information and know the effects of climate on their crops and agricultural activities in general because we will develop training workshops in order to show the use of the information that they have been developing jointly with us.
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Training workshops including different family members (youth, women, men)

Partners contributing to this deliverable

Submitted on 2016-03-04 at 02:39 UTC

Partner #1 (Responsible): Loboguerrero, Ana Maria <a.m.loboguerrero@cgiar.org>, RPL LAM - RPL Latin America

Deliverable Ranking

Address gender and social inclusion aspect	1
Potential for/ actual contribution to outcomes	5
Level of shared ownership (partnerships across org.)	5
What is your personal perspective of the importance of this product	5

Deliverable dissemination

Open access restriction: Yes
License adopted: <Not defined>
Dissemination Channel: other
Dissemination URL: http://www.agronet.gov.co/BoletinesAgroclimaticos/Bolet%C3%ADn%2009%20-%20Cauca%20(diciembre%202015%20a%20abril%202016).pdf

Deliverable Metadata

Description: Local Agroclimati Bulletin for Cauca with climate prediction information agroclimatic forecast and local recommendations to support decision making.
Creator / Authors: CCAFS
Author Identifier: <Not defined>
Publication / Creation date: Last one in December 2016
Language: Spanish
Coverage: Los Cerrillos-Cauca CSV

Deliverable Data sharing

Deliverable files <Not defined>

Deliverable #5

Main Information

Title: Results of CCAFS baseline studies in Trifinio and Tuma La Dalia

Submitted on 2016-03-04 at 02:39 UTC

MOG # 1: New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries	
Main Type: Reports, Reference Materials and Other Papers	Sub Type: Research report
Year of expected completion: 2015	
Status: Complete	

Next-user

Local communities and small producer associations in Trifinio and Tuma La Dalia

Knowledge, attitude, skills and practice changes expected in next-user: Community organizations will be able to use baseline information to support their decision making process and formulation and implementation of local initiatives based on analysis of data that characterizes their community and allows providing a state of art on different aspects in socioeconomic, biophysical and climate aspects.

Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Involvement of the community in the implementation of the baseline studies, follow up on the results and provide them the information they consider useful for their activities.

Partners contributing to this deliverable

Partner #1 (Responsible): Mercado, Leida <lmercado@catie.ac.cr>, CATIE - Centro Agronómico Tropical de Investigación y Enseñanza

Deliverable Ranking

Address gender and social inclusion aspect	4
Potential for/ actual contribution to outcomes	3
Level of shared ownership (partnerships across org.)	4
What is your personal perspective of the importance of this product	5

Deliverable dissemination

Open access restriction: Yes

License adopted: <Not defined>

Dissemination Channel: -1

Dissemination URL: [<Not defined>](#)

Deliverable Metadata

Submitted on 2016-03-04 at 02:39 UTC

Description: Reports on CCAFS Baseline Studies conducted in Latin America CSVs (Trifinio-Santa Rita, Trifinio-Olopa, Nicaragua-Tuma La Dalia and Colombia-Cauca). These studies were developed by CCAFS partners: CATIE in Central America and Fundación Ecohabitats in Colombia. The studies include household, community and organization levels.
Creator / Authors: CATIE
Author Identifier: <Not defined>
Publication / Creation date: December 2015
Language: Spanish and English
Coverage: Central America

Deliverable Data sharing

Deliverable files
<Not defined>

Deliverable #6

Main Information

Title: Materials of agroclimate information and CSA options for communities in Trifinio and Tuma La Dalia	
MOG # 1: New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries	
Main Type: Reports, Reference Materials and Other Papers	Sub Type: Reference material
Year of expected completion: 2016	
Status: <Not defined>	

Next-user

Local communities and small producer associations in Trifinio and Tuma La Dalia
Knowledge, attitude, skills and practice changes expected in next-user: They will know agroclimate characteristics of their area, and based on that will be able to implement CSA options and will decide based on this information on their agricultural activities. This information will be developed together with the communities, identifying their needs and explaining its potential uses for their advantage.
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Develop together with the communities the materials and developing training workshops to explain the information that is being produced. The materials and information generated will be based on the prioritization made by the communities and context-specific characteristics.

Submitted on 2016-03-04 at 02:39 UTC

Partners contributing to this deliverable

Partner #1 (Responsible): Mercado, Leida <lmercado@catie.ac.cr>, CATIE - Centro Agronómico Tropical de Investigación y Enseñanza

Deliverable Ranking

Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination

Open access restriction: <Not defined>
License adopted: <Not defined>
Dissemination Channel: <Not defined>
Dissemination URL: <Not defined>

Deliverable Metadata

Description: <Not defined>
Creator / Authors: <Not defined>
Author Identifier: <Not defined>
Publication / Creation date: <Not defined>
Language: <Not defined>
Coverage: <Not defined>

Deliverable Data sharing

Deliverable files <Not defined>

Deliverable #7

Main Information

Title: Gender analysis of the communities and intervention strategies
MOG # 1: New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries

Submitted on 2016-03-04 at 02:39 UTC

Main Type: Data and information outputs, including datasets, databases and models	Sub Type: Datasets
Year of expected completion: 2016	
Status: <Not defined>	

Next-user

Local communities and small producer associations in Trifinio and Tuma La Dalia

Knowledge, attitude, skills and practice changes expected in next-user: They will understand the gender and social differentiation approach and participate in the development of strategies to address related issues in their communities based on their specific context and conditions.

Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Participatory approach, workshops, knowledge sharing.

Partners contributing to this deliverable

Partner #1 (Responsible): Twyman, Jennifer <j.twyman@cgiar.org>, CIAT - Centro Internacional de Agricultura Tropical

Deliverable Ranking

Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination

Open access restriction: <Not defined>

License adopted: <Not defined>

Dissemination Channel: <Not defined>

Dissemination URL: [<Not defined>](#)

Deliverable Metadata

Description: <Not defined>

Creator / Authors: <Not defined>

Author Identifier: <Not defined>

Publication / Creation date: <Not defined>

Submitted on 2016-03-04 at 02:39 UTC

Language: <Not defined>**Coverage:** <Not defined>**Deliverable Data sharing****Deliverable files**

<Not defined>

Deliverable #8**Main Information****Title:** Documentation on the experience of integrating ancient knowledge (bio-indicators) with scientific data (agroclimate info)**MOG # 1:** New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries**Main Type:** Communication Products and Multimedia**Sub Type:** Social media outputs**Year of expected completion:** 2015**Status:** Complete**Next-user**

Local partners at LAM CSVs such as Ecohabitats, CATIE, Rio Piedras Foundation.

Knowledge, attitude, skills and practice changes expected in next-user: They will know about the experience carried out in Cauca CSV and rescue those actions applicable to other sites in the region to replicate context-specific bio-indicators and ancient knowledge combined with scientific data.**Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes:** Videos, south-south exchanges, photos and blogs.**Partners contributing to this deliverable****Partner #1 (Responsible):** Recaman, Liliana <liliana.recaman@yahoo.es>, Fundación Procuencia Río Las Piedras**Deliverable Ranking****Address gender and social inclusion aspect**

3

Potential for/ actual contribution to outcomes

3

Level of shared ownership (partnerships across org.)

5

Submitted on 2016-03-04 at 02:39 UTC

What is your personal perspective of the importance of this product	4
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Deliverable dissemination
Open access restriction: Yes
License adopted: <Not defined>
Dissemination Channel: other
Dissemination URL: https://ccaafs.cgiar.org/es/blog/la-comunidad-decide-las-pr%C3%A1cticas-sostenibles-que-deben-priorizar#.VtjVKfI95hE

Deliverable Metadata
Description: Bioindicators were analyzed in order to determine their accuracy when using to support decision making processe, they were compared with climate historial data in order to match indigenous farmers prediction using them.
Creator / Authors: CCAFS
Author Identifier: <Not defined>
Publication / Creation date: October 9, 2015
Language: Spanish
Coverage: Cauca, Colombia

Deliverable Data sharing
Deliverable files <Not defined>

Deliverable #9

Main Information	
Title: Elaboration of planning guidelines and recommendations report to support policy formulation at national level.	
MOG # 1: New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries	
Main Type: Reports, Reference Materials and Other Papers	Sub Type: Policy briefs - Briefing paper
Year of expected completion: 2015	
Status: Complete	

Submitted on 2016-03-04 at 02:39 UTC

Next-user

Ministry of agriculture and environment

Knowledge, attitude, skills and practice changes expected in next-user: Based on the information produced locally, the ministries will have evidence to formulate policies and provide recommendations to other regions within the country. These guidelines will be an essential tool for ministries decision makers to guide them in the process of implementaiton in other regions.

Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Continue communication on the advances and main outputs of the project, ask and receive their feedback on the process on the guidelines consider their adjustments recommended in order to make a document useful to them in order to replicate the approach in other regions within the country.

Partners contributing to this deliverable

Partner #1 (Responsible): Loboguerrero, Ana Maria <a.m.loboguerrero@cgiar.org>, RPL LAM - RPL Latin America

Deliverable Ranking

Address gender and social inclusion aspect	4
Potential for/ actual contribution to outcomes	4
Level of shared ownership (partnerships across org.)	5
What is your personal perspective of the importance of this product	5

Deliverable dissemination

Open access restriction: Yes

License adopted: <Not defined>

Dissemination Channel: -1

Dissemination URL: [<Not defined>](#)

Deliverable Metadata

Description: Local Adaptation Plans were developed with Los Cerrillos-Cauca CSV community, where key CSA practices were identified based on vulneribility analysis at a farm level, some of which were implemented, a budget plan was also developed by the families and a timeline to implement others CSA practices.

Creator / Authors: CCAFS

Author Identifier: <Not defined>

Publication / Creation date: <Not defined>

Submitted on 2016-03-04 at 02:39 UTC

Language: Spanish
Coverage: Los Cerrillos-Cauca CSV

Deliverable Data sharing

Deliverable files
<Not defined>

Deliverable #10

Main Information

Title: South south exchanges between Cauca champion communities with LAM communities and across regions	
MOG # 2: New knowledge, capacity, and tools supporting the provision of equitable climate services for farmers are developed	
Main Type: Reports, Reference Materials and Other Papers	Sub Type: Research report
Year of expected completion: 2015	
Status: Extended	Justification for cancelling the deliverable: Videos on climate smart villages have been done but field visits are pending and planned to do during 2016.

Next-user

Communities in LAM CSVs
Knowledge, attitude, skills and practice changes expected in next-user: They will exchange directly on the experiences achieved and lessons learned from the community members in order to encourage them to follow their steps keeping always in mind their local specificities.
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Field visits to LAM CSVs, videos.

Partners contributing to this deliverable

Partner #1 (Responsible): Paz, Liliana <lilianapaz@yahoo.com>, Fundación EcoHabitats

Deliverable Ranking

Address gender and social inclusion aspect	4
Potential for/ actual contribution to outcomes	4
Level of shared ownership (partnerships across org.)	4

Submitted on 2016-03-04 at 02:39 UTC

What is your personal perspective of the importance of this product	5
Deliverable dissemination	
Open access restriction: Yes	
License adopted: <Not defined>	
Dissemination Channel: other	
Dissemination URL: https://www.youtube.com/watch?v=h8fBsFYBSZA	
Deliverable Metadata	
Description: Video on Los-Cerrillos Cauca CSV	
Creator / Authors: CCAFS	
Author Identifier: <Not defined>	
Publication / Creation date: February 22, 2016	
Language: Spanish and English	
Coverage: Los Cerrillos-Cauca CSV	
Deliverable Data sharing	
Deliverable files <Not defined>	

Deliverable #11

Main Information	
Title: Analogues sites identified to support the elaboration of the planning guidelines for local adaptation	
MOG # 1: New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries	
Main Type: Tools and Computer Software	Sub Type: Tools
Year of expected completion: 2016	
Status: <Not defined>	

Next-user
Fundación Ecohabitats, community leaders.

Submitted on 2016-03-04 at 02:39 UTC

Knowledge, attitude, skills and practice changes expected in next-user: They will use the results from Analogues as input for the development of the local adaptation plans to consider future changes in climate and regions where those conditions are in the present in order to learn about their experiences

Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Communication and interpretation of analogue results with Ecohabitats, as well as with the community leaders.

Partners contributing to this deliverable

Partner #1 (Responsible): Loboguerrero, Ana Maria <a.m.loboguerrero@cgiar.org>, RPL LAM - RPL Latin America

Deliverable Ranking

Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination

Open access restriction: <Not defined>

License adopted: <Not defined>

Dissemination Channel: <Not defined>

Dissemination URL: [<Not defined>](#)

Deliverable Metadata

Description: <Not defined>

Creator / Authors: <Not defined>

Author Identifier: <Not defined>

Publication / Creation date: <Not defined>

Language: <Not defined>

Coverage: <Not defined>

Deliverable Data sharing

Deliverable files

<Not defined>

Submitted on 2016-03-04 at 02:39 UTC

Deliverable #12

Main Information	
Title: Economic analysis of CSA practices/technological packages at community level in NIC-CSV (CSAprioritization tool)	
MOG # 2: Biophysical, socio-economical and tradeoffs analyses (incl. enabling environments and gender), innovative methods, engagement approaches and customized decision support tools for CSA prioritization, wide scale adoption, local adaptation and investment planning (LAM, WA, EA, SA, SEA)	
Main Type: Reports, Reference Materials and Other Papers	Sub Type: Research report
Year of expected completion: 2016	
Status: <Not defined>	

Next-user
Local communities and local government
Knowledge, attitude, skills and practice changes expected in next-user: Once they have the economic analysis, they will be able to use it to prioritize their investments related to reduce climate change impacts in their agricultural activity. Local governments will be able to identify which actions would generate better results based on the economic analysis, also maximizing their financial resources
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Development of the tool and economic analysis with permanent communication of the process and results with them, in order to provide them clear information on how it is built and what are the potential uses.

Partners contributing to this deliverable
Partner #1 (Responsible): Mercado, Leida <lmercado@catie.ac.cr>, CATIE - Centro Agronómico Tropical de Investigación y Enseñanza

Deliverable Ranking	
Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination
Open access restriction: <Not defined>
License adopted: <Not defined>
Dissemination Channel: <Not defined>

Submitted on 2016-03-04 at 02:39 UTC

Dissemination URL: [<Not defined>](#)**Deliverable Metadata****Description:** <Not defined>**Creator / Authors:** <Not defined>**Author Identifier:** <Not defined>**Publication / Creation date:** <Not defined>**Language:** <Not defined>**Coverage:** <Not defined>**Deliverable Data sharing****Deliverable files**

<Not defined>

Deliverable #13**Main Information****Title:** CSA prioritization tool adapted to community level decision making process in Tuma La Dalia**MOG # 1:** New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries**Main Type:** Tools and Computer Software**Sub Type:** Tools**Year of expected completion:** 2016**Status:** <Not defined>**Next-user**

Local communities and local government

Knowledge, attitude, skills and practice changes expected in next-user: hey will be able to use it to prioritize their investments related to reduce climate change impacts in their agricultural activity. Local governments will be able to identify which actions would generate better results based on the economic analysis, also maximizing their financial resources**Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes:** Development of the tool with them letting them know about the process and results with them, in order to provide them clear information on how it is built and what are the potential uses.

Submitted on 2016-03-04 at 02:39 UTC

Partners contributing to this deliverable

Partner #1 (Responsible): Mercado, Leida <lmercado@catie.ac.cr>, CATIE - Centro Agronómico Tropical de Investigación y Enseñanza

Deliverable Ranking

Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination

Open access restriction: <Not defined>
License adopted: <Not defined>
Dissemination Channel: <Not defined>
Dissemination URL: <Not defined>

Deliverable Metadata

Description: <Not defined>
Creator / Authors: <Not defined>
Author Identifier: <Not defined>
Publication / Creation date: <Not defined>
Language: <Not defined>
Coverage: <Not defined>

Deliverable Data sharing

Deliverable files <Not defined>

Deliverable #14

Main Information

Title: Implementation of climate site specific agriculture in Tuma La Dalia linked to FP1 CSMS project.
MOG # 1: New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries

Submitted on 2016-03-04 at 02:39 UTC

Main Type: Data and information outputs, including datasets, databases and models	Sub Type: Data
Year of expected completion: 2016	
Status: <Not defined>	

Next-user

Local communities and organizations

Knowledge, attitude, skills and practice changes expected in next-user: The implementation of this approach jointly with other parallel activities will allow communities to plan their cropping and harvesting time using climate data and maximizing their yields taking advantage of climate changes.

Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Training workshops on CSMS, identification of adaptation measures on crop management jointly with the communities in order to capture their feedback from their real-life experiences and therefore the implementation will be given since they are an essential part of the participatory process.

Partners contributing to this deliverable

Partner #1 (Responsible): Loboguerrero, Ana Maria <a.m.loboguerrero@cgiar.org>, RPL LAM - RPL Latin America

Deliverable Ranking

Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination

Open access restriction: <Not defined>

License adopted: <Not defined>

Dissemination Channel: <Not defined>

Dissemination URL: [<Not defined>](#)

Deliverable Metadata

Description: <Not defined>

Creator / Authors: <Not defined>

Author Identifier: <Not defined>

Submitted on 2016-03-04 at 02:39 UTC

Publication / Creation date: <Not defined>
Language: <Not defined>
Coverage: <Not defined>

Deliverable Data sharing

Deliverable files
<Not defined>

Deliverable #15

Main Information

Title: Development of context-specific insurance prototype for Honduran Trifinio area based on El Paraiso prototype	
MOG # 1: New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries	
Main Type: Tools and Computer Software	Sub Type: Tools
Year of expected completion: 2016	
Status: <Not defined>	

Next-user

Local communities
Knowledge, attitude, skills and practice changes expected in next-user: They will be able to understand agroclimate information and know the effects of climate on their crops and agricultural activities in general because we will develop training workshops in order to show the use of the information that they have been developing jointly with us.
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Training workshops, sessions, meetings including all family members (men, women, youth)

Partners contributing to this deliverable

Partner #1 (Responsible): Osgood, Daniel <deo@iri.columbia.edu>, Columbia University

Deliverable Ranking

Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>

Submitted on 2016-03-04 at 02:39 UTC

What is your personal perspective of the importance of this product	<Not defined>
Deliverable dissemination	
Open access restriction: <Not defined>	
License adopted: <Not defined>	
Dissemination Channel: <Not defined>	
Dissemination URL: <Not defined>	
Deliverable Metadata	
Description: <Not defined>	
Creator / Authors: <Not defined>	
Author Identifier: <Not defined>	
Publication / Creation date: <Not defined>	
Language: <Not defined>	
Coverage: <Not defined>	
Deliverable Data sharing	
Deliverable files <Not defined>	

Deliverable #16

Main Information	
Title: Methodology to measure women and young empowerment in decision making process at household level (CentralAmerica)	
MOG # 2: Biophysical, socio-economical and tradeoffs analyses (incl. enabling environments and gender), innovative methods, engagement approaches and customized decision support tools for CSA prioritization, wide scale adoption, local adaptation and investment planning (LAM, WA, EA, SA, SEA)	
Main Type: Reports, Reference Materials and Other Papers	Sub Type: Working paper
Year of expected completion: 2016	
Status: <Not defined>	

Next-user

Submitted on 2016-03-04 at 02:39 UTC

Local stakeholder at Tuma La Dalia and Trifinio CSV

Knowledge, attitude, skills and practice changes expected in next-user: This methodology will allow the measurement of women and young empowerment in the decision-making processes, considering context-specific characteristics.

Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Joint development of the methodology with CATIE and CIAT gender expert support discussing with field specialists and analyzing CCAFS and Gender baseline studies.

Partners contributing to this deliverable

Partner #1 (Responsible): Mercado, Leida <lmercado@catie.ac.cr>, CATIE - Centro Agronómico Tropical de Investigación y Enseñanza

Partner #2: Twyman, Jennifer <j.twyman@cgiar.org>, CIAT - Centro Internacional de Agricultura Tropical

Deliverable Ranking

Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination

Open access restriction: <Not defined>

License adopted: <Not defined>

Dissemination Channel: <Not defined>

Dissemination URL: [<Not defined>](#)

Deliverable Metadata

Description: <Not defined>

Creator / Authors: <Not defined>

Author Identifier: <Not defined>

Publication / Creation date: <Not defined>

Language: <Not defined>

Coverage: <Not defined>

Submitted on 2016-03-04 at 02:39 UTC

Deliverable Data sharing
<p>Deliverable files <Not defined></p>

Deliverable #17

Main Information		
<p>Title: Local Adaptation Planning in Central American CSVs</p>		
<p>MOG # 2: Biophysical, socio-economical and tradeoffs analyses (incl. enabling environments and gender), innovative methods, engagement approaches and customized decision support tools for CSA prioritization, wide scale adoption, local adaptation and investment planning (LAM, WA, EA, SA, SEA)</p>		
<table border="1"> <tr> <td> <p>Main Type: Reports, Reference Materials and Other Papers</p> </td> <td> <p>Sub Type: Case Study</p> </td> </tr> </table>	<p>Main Type: Reports, Reference Materials and Other Papers</p>	<p>Sub Type: Case Study</p>
<p>Main Type: Reports, Reference Materials and Other Papers</p>	<p>Sub Type: Case Study</p>	
<p>Year of expected completion: 2016</p>		
<p>Status: <Not defined></p>		

Next-user
<p>Central American CSVs communities</p>
<p>Knowledge, attitude, skills and practice changes expected in next-user: They will learn how to plan at local level considering climate challenges and creating resilience in their farm and livelihood.</p>
<p>Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Joint development of the planning process with the farmers. Experience from Cauca CSV will be considered.</p>

Partners contributing to this deliverable
<p>Partner #1 (Responsible): Mercado, Leida <lmercado@catie.ac.cr>, CATIE - Centro Agronómico Tropical de Investigación y Enseñanza</p>

Deliverable Ranking	
<p>Address gender and social inclusion aspect</p>	<p><Not defined></p>
<p>Potential for/ actual contribution to outcomes</p>	<p><Not defined></p>
<p>Level of shared ownership (partnerships across org.)</p>	<p><Not defined></p>
<p>What is your personal perspective of the importance of this product</p>	<p><Not defined></p>

Deliverable dissemination
<p>Open access restriction: <Not defined></p>

Submitted on 2016-03-04 at 02:39 UTC

License adopted: <Not defined>
Dissemination Channel: <Not defined>
Dissemination URL: <Not defined>
Deliverable Metadata
Description: <Not defined>
Creator / Authors: <Not defined>
Author Identifier: <Not defined>
Publication / Creation date: <Not defined>
Language: <Not defined>
Coverage: <Not defined>
Deliverable Data sharing
Deliverable files <Not defined>

Deliverable #18

Main Information	
Title: Approaches, strategies and/or scaling up/out mechanisms in Centralamerica CSVs based on CCAFS/MAP/Gender baselines studies	
MOG # 3: Approaches, strategies and scaling up/out mechanisms (e.g CSV), for enhanced adaptive capacity and resilience from the field to the sub-national level (LAM, WA, SA, EA, SEA)	
Main Type: Peer reviewed Publications	Sub Type: Peer-reviewed journal articles
Year of expected completion: 2016	
Status: <Not defined>	
Next-user	
Scientific community	
Knowledge, attitude, skills and practice changes expected in next-user: This output will improve knowledge on approaches, strategies and/or scaling up/out mechanisms in Centralamerica CSVs based on CCAFS/MAP/Gender baselines studies	
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Joint elaboration with technical team from CATIE and CIAT gender expert support.	

Submitted on 2016-03-04 at 02:39 UTC

Partners contributing to this deliverable

Partner #1 (Responsible): Mercado, Leida <lmercado@catie.ac.cr>, CATIE - Centro Agronómico Tropical de Investigación y Enseñanza

Partner #2: Twyman, Jennifer <j.twyman@cgiar.org>, CIAT - Centro Internacional de Agricultura Tropical

Deliverable Ranking

Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination

Open access restriction: <Not defined>
License adopted: <Not defined>
Dissemination Channel: <Not defined>
Dissemination URL: <Not defined>

Deliverable Metadata

Description: <Not defined>
Creator / Authors: <Not defined>
Author Identifier: <Not defined>
Publication / Creation date: <Not defined>
Language: <Not defined>
Coverage: <Not defined>

Deliverable Data sharing

Deliverable files <Not defined>

Deliverable #19

Main Information

Submitted on 2016-03-04 at 02:39 UTC

Title: Evidence of scalability of Cauca CSV approach on Local Adaptation Planning in other Colombian Locations.	
MOG # 3: Approaches, strategies and scaling up/out mechanisms (e.g CSV), for enhanced adaptive capacity and resilience from the field to the sub-national level (LAM, WA, SA, EA, SEA)	
Main Type: Reports, Reference Materials and Other Papers	Sub Type: Case Study
Year of expected completion: 2016	
Status: <Not defined>	

Next-user

Local/national stakeholders and government

Knowledge, attitude, skills and practice changes expected in next-user: The evidence of scalability of Cauca CSV approach on Local Adaptation Planning in other Colombian Locations will allow Local/national stakeholders and government promoting the approach and use it as one of the strategies to support resilience at local level.

Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Meetings, continuous communication of the advances, presentation in workshops, dissemination of the case study.

Partners contributing to this deliverable

Partner #1 (Responsible): Paz, Liliana <lilianapaz@yahoo.com>, Fundación EcoHabitats

Deliverable Ranking

Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination

Open access restriction: <Not defined>

License adopted: <Not defined>

Dissemination Channel: <Not defined>

Dissemination URL: [<Not defined>](#)

Deliverable Metadata

Description: <Not defined>

Submitted on 2016-03-04 at 02:39 UTC

Creator / Authors: <Not defined>
Author Identifier: <Not defined>
Publication / Creation date: <Not defined>
Language: <Not defined>
Coverage: <Not defined>

Deliverable Data sharing

Deliverable files
<Not defined>

Deliverable #20

Main Information

Title: Local agroclimatic committee of Cauca as part of the CONSEA	
MOG # 2: New knowledge, capacity, and tools supporting the provision of equitable climate services for farmers are developed	
Main Type: Reports, Reference Materials and Other Papers	Sub Type: Case Study
Year of expected completion: 2016	
Status: <Not defined>	

Next-user

Members of the Local agroclimatic committee of Cauca, CONSEA
Knowledge, attitude, skills and practice changes expected in next-user: It will engage the Local agroclimatic committee of Cauca within the role of the CONSEA in the region in order to support their capacity to support the use of agroclimatic information to prevent climate variability negative effects.
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Meetings, workshops, engagement with CONSEA.

Partners contributing to this deliverable

Partner #1 (Responsible): Paz, Liliana <lilianapaz@yahoo.com>, Fundación EcoHabitats

Deliverable Ranking

Address gender and social inclusion aspect	<Not defined>
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Submitted on 2016-03-04 at 02:39 UTC

Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination	
Open access restriction:	<Not defined>
License adopted:	<Not defined>
Dissemination Channel:	<Not defined>
Dissemination URL:	<Not defined>

Deliverable Metadata	
Description:	<Not defined>
Creator / Authors:	<Not defined>
Author Identifier:	<Not defined>
Publication / Creation date:	<Not defined>
Language:	<Not defined>
Coverage:	<Not defined>

Deliverable Data sharing	
Deliverable files	<Not defined>

Deliverable #21

Main Information	
Title: Publication to support Secretariat of Women of Cauca actions based on Gender/CCAFS Baseline studies	
MOG # 2: Biophysical, socio-economical and tradeoffs analyses (incl. enabling environments and gender), innovative methods, engagement approaches and customized decision support tools for CSA prioritization, wide scale adoption, local adaptation and investment planning (LAM, WA, EA, SA, SEA)	
Main Type: Reports, Reference Materials and Other Papers	Sub Type: Policy briefs - Briefing paper
Year of expected completion: 2016	
Status: <Not defined>	

Submitted on 2016-03-04 at 02:39 UTC

Next-user
Secretariat of Women of Cauca, Secretariat of Agriculture
Knowledge, attitude, skills and practice changes expected in next-user: This Policy brief will respond to Secretariat's needs of information on current state of women and youth in Cauca in the agricultural sector and recommendations to enhance their role in decision making processes allowing them to strengthen their link with their territory.
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Analysis of CCAFS and gender baseline studies, dialogue with Cauca Secretariats and Ecohabitats foundation and other relevant stakeholders.

Partners contributing to this deliverable
Partner #1 (Responsible): Twyman, Jennifer <j.twyman@cgiar.org>, CIAT - Centro Internacional de Agricultura Tropical
Partner #2: Paz, Liliana <lilianapaz@yahoo.com>, Fundación EcoHabitats

Deliverable Ranking	
Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination
Open access restriction: <Not defined>
License adopted: <Not defined>
Dissemination Channel: <Not defined>
Dissemination URL: <Not defined>

Deliverable Metadata
Description: <Not defined>
Creator / Authors: <Not defined>
Author Identifier: <Not defined>
Publication / Creation date: <Not defined>
Language: <Not defined>
Coverage: <Not defined>

Submitted on 2016-03-04 at 02:39 UTC

Deliverable Data sharing

Deliverable files


<Not defined>

Submitted on 2016-03-04 at 02:39 UTC

5.3 Summary on next-users

Next user #1
<p>Key next user for the current reporting period. Key game changers. Observed Knowledge, Attitude, Skills and practice changes: Local institutions in Cauca engaged by Ecohabitats showing evidence of the initiative in the CSV. Integral approach captured their attention and recognized the Local Adaptation Plans as a tailored adaptation measure.</p> <p>Fundación del Dique, started with a similar CSV in Mahates-Bolivar based on Los Cerrillos-Cauca CSV experience.</p>
<p>Strategies (facilitation, engagement, knowledge sharing etc.) you used to encourage and enable this next user to utilize deliverables and adopt changes: Meetings, workshops, field visits, sharing videos and communication outputs.</p>
<p>Reported deliverables serve as evidence towards this achieved change: Mahates, ejemplo regional de agricultura sostenible adaptada al clima (Mahates, a regional example of climate-smart agriculture): https://ccafs.cgiar.org/es/blog/mahates-ejemplo-regional-de-agricultura-sostenible-adaptada-al-clima#.VtjhIP195hE</p>
<p>Lessons and implications for the next planning cycle: More engagement with next users in Central America CSVs.</p>

5.4 Project highlights

Project highlight Information #1	
Title: Climate-smart villages: families empowered and better prepared to face climate change	
Author: Liliana Patricia Paz Betancourt and Luis Alfonso Ortega Fernández (Ecohabitats)	Subject: Climate adaptation with rural communities
Publisher: CCAFS	Year: 2015
<p>Project highlights types</p> <ul style="list-style-type: none"> Participatory action research Gender and social inclusion Capacity enhancement Food security 	
Start date: 2014-12-15	End date: 2015-12-15
Is global: No	
Country: Colombia	Keywords: CSV, adaptation, Cerrillos, Cauca, adaptation measures, rural communities
<p>Highlight description: Los-Cerrillos is a village located in rural area of Popayán city , Cauca department (southwestern of Colombia). The community has witnessed how the environmental conditions in last years of the world and in the village have changed: long periods of drought, along with intense rains and winds, ground frost and scarcity of forest and water resources.</p> <p>CCAFS and Fundación EcoHabitats started the implementation the 'climate-smart villages' (CSV) approach with this community. After completing baseline surveys, the next step was the participatory design of adaptation plans to climate variability at farm level. In this plans, the community and researchers identified adaptation measures (autonomous and planned) to address the negative impacts climate change and variability.</p> <p>With participation of families from the village and using high-resolution images, the community developed current maps of coverage and use of the farm, and through perception exercises, they calculated the sensitivity levels of land and types of crops to climate phenomena, and calculated its capacity to adapt to these impacts. With this information the community have an accurate estimation of the vulnerability for their farms, allowing them to set up a portfolio of 14 climate-smart practices with designs, fees and technical data sheets indicating step by step of its development.</p> <p>25 families started the implementation of these practices, according with a schedule developed in a participatory way and considering gender issues (the roles and interests of the family members: men, women and youth were taken into account). The farms where practices were implemented, became in Farmer Field Schools (FFS). For almost four months all the families attended 14 sessions of the FSS to apply each practice. With each practice developed on the field, the neighbors were interested in learning how to do it in their farms. By the end of 2015, the attendance was around 50 families.</p>	

Submitted on 2016-03-04 at 02:39 UTC

Introduction / Objectives: By developing adaptation plans at the farm level, Climate-smart villages seeks to improve resilience in rural areas, fostering:

Adaptation plans to climate variability from the base (farm level) to higher levels.

Participatory processes of identification, design and implementation of climate-smart practices for each farm.

The inclusion and recognition of differences in the roles of each family member, by a gender approach

Local capacity building for participation in policy processes

Results: 32 farm adaptation plans were developed. Each family has developed a portfolio of climate-smart practices, and 28 new families were integrated into Farmer Field Schools.

64 climate-smart practices were implemented in the village; from this practices, 38 are related to food security, 4 to soil management and 22 to water conservation.

36 youths trained in ICT tools: GIS, photography, video and elaboration of bulletin boards, to strengthen their love for their territory. A photo exhibition was held at the main shopping center of the city to show the pictures taken by the young.

A geodatabase developed with the community. The geodatabase contains: Village limits, forest maps and land cover, location of housing, roads, rivers and main infrastructure.

A portfolio of integrated projects for capacity building to leaders of local boards was made

Engagement with local authorities: the city hall of Popayan, and departamental government included the CSV's in their development plans.

The Climate Change Office of the Colombian Ministry of Environment and Sustainable Development (MADS) designed a new guide for the development of adaptation plans at farm level, based on lessons learned from CSV Los Cerrillos.

Media outreach in the major newspapers in Colombia (El Tiempo and El Espectador), about CSV Los Cerrillos.

Scaling-up the approach with a new CSV in Mahates, department of Bolívar in the north of Colombia.

Partners: Fundacion Ecohabitats – Colombia

International Center for Tropical Agriculture (CIAT)

Association of Community Action Boards of Northwestern Popayan

Links / Sources for further information: <http://es.slideshare.net/cgiarclimate/poster-territorios-sostenibles-adaptados-al-clima-tesac>

<https://ccafs.cgiar.org/sites/default/files/projects/attachments/manual-para-formulacion-planos-prediales-adaptacion-variabilidad-climatica.pdf>

<https://ccafs.cgiar.org/es/territorios-sostenibles-adaptados-al-clima#.VtBAPPnhDIU>

<https://www.youtube.com/watch?v=h8fBsFYBSZA>

<http://www.mtnforum.org/content/mahates-colombia-ejemplo-regional-de-agricultura-sostenible-adaptada-al-clima>

<http://www.elespectador.com/noticias/medio-ambiente/los-cafeteros-del-cauca-se-adaptan-al-cambio-climatico-articulo-555284>

<http://www.eltiempo.com/multimedia/especiales/cambio-climatico-en-el-cauca/16449579>

<http://es.slideshare.net/cgiarclimate/ensuring-climatesmart-agriculture-is-gendersmart>

<https://ccafs.cgiar.org/es/con-reporteritos-locales-regresa-amor-por-campo>

<https://ccafs.cgiar.org/es/blog/mahates-ejemplo-regional-de-agricultura-sostenible-adaptada-al-clima>

<https://ccafs.cgiar.org/es/publications/tesac-opciones-para-mejorar-la-resiliencia-y-la-seguridad-alimentaria>

6. Activities

Activity #1	
Title: Implementation of CSV approach in Cauca	
<p>Description: This major activity compiles the activities in LAM CCAFS site in Cauca-Colombia. The project aims to develop and strengthen capacities to local actors and smallholder farmers of Cauca to support their decision making process considering useful context specific agroclimatic information combined with local and traditional knowledge to face changes in climate. It is expected that the results from this project will be used to apply in other places in Latin America and share the experience with other smallholder farmers.</p> <p>It also includes the implementation of joint communications and dissemination strategies developed by the Ministry of Agriculture of Colombia and CCAFS to provide information to smallholders farmers on agroclimate services.</p>	
Start date (dd-MM-yyyy): 01-01-2015	End date (dd-MM-yyyy): 30-12-2016
Leader: Loboguerrero, Ana Maria <a.m.loboguerrero@cgiar.org>, RPL LAM - RPL Latin America	
Status: On-going	<p>Justification: Local Adaptation Plans were developed in a participatory way with the community, prioritizing practices considering changes in climate. Community is very engaged, being the leaders of the initiative. Experience in Los Cerrillos-CSV has captured the attention of the national media as one community-based strategy to adapt to climate change. Baseline studies were also developed. Experience of our key partner, Ecohabitats, on participatory approaches has enabled a deep engagement with the community but also with stakeholders at municipal, departmental and national level.</p>

Activity #2	
Title: Implementation of CSV approach in Trifinio and Tuma La Dalia	
<p>Description: This major activity compiles the activities in LAM CCAFS site in Trifinio, Honduras-Guatemala and Tuma La Dalia. It aims to develop and strengthen capacities to local actors and smallholder farmers to support their decision making process considering useful context specific agroclimatic information combined with local and traditional knowledge to face changes in climate. This includes but not limited to baseline studies (Household, village and organizations) and the implementation of activities related to CSA in coordination with the Mesoamerican Agroenvironmental Program (MAP Noruega) project led by the local partner.</p>	
Start date (dd-MM-yyyy): 01-01-2015	End date (dd-MM-yyyy): 30-12-2016
Leader: Loboguerrero, Ana Maria <a.m.loboguerrero@cgiar.org>, RPL LAM - RPL Latin America	

Submitted on 2016-03-04 at 02:39 UTC

Status: On-going

Justification: The articulated work with CATIE through the MAP project has supported the implementation of the prioritization framework in Central American CSV, providing farmers a CSA portfolio of CSA practices which are planned to be implemented in 2016. Gender baseline surveys were also developed in Tuma La Dalia CSV by CIAT, publications are expected to be published in 2016.

Lessons regarding your project activities and possible implications for the coming planning cycle: Budget cuts were and still being a challenge in order to keep the work in CSVs, however together with partners proposals to raise funds are being developed.

Submitted on 2016-03-04 at 02:39 UTC

7. Leverages

<Not defined>

Submitted on 2016-03-04 at 02:41 UTC

Title: Working towards a climate smart agricultural sector in LAM

Start date (dd-MM-yyyy)	01-01-2015	End date (dd-MM-yyyy)	30-12-2016
Management liaison	RP LAM - Latin America Region	Mgmt. liaison contact	Loboguerrero, Ana Maria <a.m.loboguerrero@cgiar.org>
Lead organization	RPL LAM - RPL Latin America	Project leader	Loboguerrero, Ana Maria <a.m.loboguerrero@cgiar.org>
Project type	CCAFS COFUNDED	Detailed project workplan	<Not defined>

Project is working on

Flaship(s)	Region(s)
FP2: Climate Information Services and Climate-Informed Safety Nets	RP LAM: Latin America
FP1: Climate-smart practices	
FP3: Low Emissions Agricultural Development	
FP4: Policies and Institutions for Climate-Resilient Food Systems	

Bilateral project(s) contributing to this project

148 - Convenio MADR - Project with the Colombian Ministry of Agriculture on Climate Change and Agriculture
168 - Mitigation Options to Reduce Methane Emissions in Paddy Rice

Summary

Through this project the regional program will complement on going activities in the region in order to work towards a climate smart agricultural sector in LAM. This project will consider priorities in the region, context-specific actions and interactions with partners and flagship projects to be implemented in the region. This project is implementing portfolio of activities within countries combining the flagships topics that respond to national needs and priorities. An example is the set of activities in Honduras, where we will support decision processes at both national (policy makers will have impact on climate change studies-monographs) and local level (farmers will be able to test an index insurance prototype developed with them and public/private sectors) and capacity will be strengthen in terms of local GHG measurements through SAMPLES as part of the CLIFF-LAMNET Network.

Submitted on 2016-03-04 at 02:41 UTC

2. Partners

Partner #1

Institution: CIAT - Centro Internacional de Agricultura Tropical

Contacts

Type	Contact	Responsibilities and contributions
Partner	Prager, Steven <S.Prager@cgiar.org>	Leading a team of researchers, using biophysical and bioeconomic models to evaluate the effect of climate change on Latin American agriculture. This work will lead to a chapter as part of the monograph in Activity 2014-279.
Partner	Jimenez, Daniel <d.jimenez@cgiar.org>	CIAT is leading the Activity 2014-286 "Extension services in prioritized crops in LAM" of this project, which coordinator is Daniel Jimenez and Armando Martinez. Their role is to achieve the objectives of the activity, as well as seek and engage with other partners to expand the scope of the activity.
Partner	Chirinda, Ngonidzashe <n.chirinda@cgiar.org>	CIAT Soils area is leading the activity 2014-284 *CLIFF-LAMNET Capacity building network* of this project, its role is to achieve the objectives of the activity, as well as seek and engage with other partners to expand the scope of the activity.
Partner	Munoz, Armando <l.a.munoz@cgiar.org>	Implementation of Activity 286.

Partner #2

Institution: IDB - Inter-American Development Bank

CCAFS Partner(s) allocating budget: <Not defined>

Contacts

Type	Contact	Responsibilities and contributions
Partner	Rios, Ana <arios@iadb.org>	Activity 2014-279 *Partner*. IDB hired 7 different consultants to serve as chapter authors and regional editors. The cost to IDB was more than \$50k of direct costs, and considerable staff time in contracting, monitoring, and disbursing funds. They also provided separate funds to CIAT, and CIAT is providing one chapter to the monograph.

Partner #3

Submitted on 2016-03-04 at 02:41 UTC

Institution: Escuela Agricola Panamericana Zamorano**CCAFS Partner(s) allocating budget:** <Not defined>**Contacts**

Type	Contact	Responsibilities and contributions
Partner	Pejuan, Wolfgang <wpejuan@zamorano.edu>	<p>Partner Activity-2014-280.</p> <p>Zamorano contributed to the development of a research program linking index insurance capacity building activities into existing risk management efforts in the Dry Corridor of Honduras.</p> <p>Zamorano professors have participated in capacity building workshops to help facilitate participatory processes and to conform part of the field research team conducting index insurance dry-run experiments in the field. Students at Zamorano have also supported research efforts in the field.</p> <p>The IRI has recently submitted a proposal to leverage index scaling efforts in Honduras.</p>

Partner #4**Institution:** SAG - Secretaría de Agricultura y Ganadería de Honduras**CCAFS Partner(s) allocating budget:** <Not defined>**Contacts**

Type	Contact	Responsibilities and contributions
Partner	Del Cid, JosÃ© Miguel <josedel7@gmail.com>	<p>Partner Activity-2014-280. SAG has been providing general support in project activity coordination playing pivotal role in bringing in local partners to promote the insurance in other regions of Honduras to be implemented based on the successful experience in El Paraíso region. They have been able to provide insight on ongoing efforts to help ensure that activities are aligned with government policies. They have also connected the activity to other government agencies/efforts that support the development of the rural sector and could be a strategic partner in implementing index insurance.</p>

Partner #5**Institution:** SMNH - Servicio Meteorológico Nacional de Honduras

Submitted on 2016-03-04 at 02:41 UTC

CCAFS Partner(s) allocating budget: <Not defined>**Contacts**

Type	Contact	Responsibilities and contributions
Partner	Martinez, Erick <erick_martinezf@yahoo.com>	<p>Partner Activity-2014-280. SMNH will provide and tailor climate Information working collaboratively with project stakeholder to use that information to develop an climate and agriculture bulletin that can help better inform farmers' climate risk management decision making process. Their support will allow to design a product that is relevant to the climate of the region, and to monitor climate shocks throughout the different stages of this activity.</p> <p>-----</p> <p>Recently, SMNH has combined efforts with COPECO (Comisión Permanente de Contingencias) to provide climate services information, and since the IRI has been in connecting with ongoing efforts on information platforms (as described above.)</p>

Partner #6**Institution:** UCI - Universidad para la Cooperación Internacional**CCAFS Partner(s) allocating budget**

RPL LAM - RPL Latin America

Contacts

Type	Contact	Responsibilities and contributions
Partner	Veeger, Marieke <mveeger@uci.ac.cr>	Activity 2014-434 *Leader*.

Partner #7**Institution:** Columbia University**Contacts**

Type	Contact	Responsibilities and contributions
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Submitted on 2016-03-04 at 02:41 UTC

Partner	Osgood, Daniel <deo@iri.columbia.edu>	IRI leads the activity 2014-280 *Index insurance for the agricultural sector in Central America*. The IRI will strengthen partnerships and facilitate capacity building, with a focused effort to arrive at an index insurance project that is built upon the expertise and training of CGIAR, SAG and Zamorano. IRI's role is to achieve the goals of the activity, as well as seek and engage with other partners to expand the scope of the activity.
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Partner #8

Institution: IFPRI - International Food Policy Research Institute

Contacts

Type	Contact	Responsibilities and contributions
Partner	Thomas, Tim <tim.thomas@cgiar.org>	IFPRI leads the activity 2014-279 *Monographs for Latin America*. IFPRI will be developing the monographs work in 7 countries of Latin America including the prioritized ones for CCAFS LAM, in order to address this gap and to assist policymakers in their ability to make policy using evidence-based inputs, we intend to apply several different modeling techniques to better understand what impacts climate change will likely have, and potential adaptation options that could help farmers compensate for negative impacts. IFPRI's role is to achieve the goals of the activity, and engage with other partners to support wider this activity.

Partner #9 (Leader)

Institution: RPL LAM - RPL Latin America

Contacts

Type	Contact	Responsibilities and contributions
Project Leader	Loboguerrero, Ana Maria <a.m.loboguerrero@cgiar.org>	RPL LAM will support activity leaders and make sure that the project addresses its goal, as well as ensure coherence within the rest of the RPL LAM portfolio. RPL LAM is also in charge of working together with activity leaders to seek and engage with other partners to widen the scope and impact of the project.

Partner #10

Institution: ARSAGRO - Asociación Regional de Servicios Agropecuarios de Oriente

Submitted on 2016-03-04 at 02:41 UTC

CCAFS Partner(s) allocating budget: <Not defined>

Contacts

Type	Contact	Responsibilities and contributions
Partner	Irias, Dennis <gerencia@arsagro.org.hn>	Working together with ARSAGRO and other farmer associations to connect through existing and trustworthy relations with farmers in the region and develop collaborations through which the project could potentially deliver the product and reach greater scale.

Partnerships overall performance over the last reporting period: All partners have performed as expected, no major issues to be solved except budget cuts that generated the development of some adjustments on the way.

Lessons regarding your partnerships and possible implications for the coming reporting cycle: There is need to keep the partners actively engaged in all activities despite budget cuts.

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3. Locations

Project level	Latitude	Longitude	Name
Region	Not applicable	Not applicable	Latin America
Country	Not applicable	Not applicable	Colombia
Country	Not applicable	Not applicable	Guatemala
Country	Not applicable	Not applicable	Honduras
Country	Not applicable	Not applicable	Nicaragua
Country	Not applicable	Not applicable	Peru
Country	Not applicable	Not applicable	El Salvador
CCAFS Site	13.077	13.077	El Tuma-la Dalia
CCAFS Site	-76.62	-76.62	Cauca
District	3.6081	3.6081	Natagaima, Tolima
Village	13.9037	13.9037	Danli, El Paraiso, Honduras
Village	14.0263	14.0263	Morocelí, El Paraíso, Honduras

4. Outcomes

4.1 Project outcome narrative

Project outcome statement

Based on the priorities in the region, context-specific actions and interactions with partners and flagship projects, this project will enable government institutions and producer associations implement CSA approach supported by index insurance and GHG emissions data in at least two countries in the region.

Annual progress towards outcome (end of 2015): Implementation of extension services strategies in Colombia and use index insurance prototype by insurances sector in Honduras. Elaboration of Latin American Monographs with national experts including local expertise in consultation with key national government representatives addressing their specific topics of interest. Building of academic network in various countries in central america to develop and support local GHG measurements grounding capacity with local technicians.

Annual progress towards project outcome in the current reporting cycle (2015): Significant progress towards the outcome in 2015 was achieved including the establishment of five key elements of the new extension services including participatory identification of problems caused by climate change, identification and implementation of CSA practices to increase food production and income and establishment of M&E methodology. The Index Insurance Prototype for basic grains in the Dry-Corridor was developed that can be tailored/adjusted for insurance companies to adopt the product. In addition, the network (CLIFF-LAMNET) has been built and a summer school course that included PhD students, representatives from key Ministries and farmer organisations and research organizations. Greenhouse gas emissions from improved and degraded pastures are being quantified in five Latin American countries and country-chapters of monographs co-authored with national experts are already under revision and regional chapter under development.

And finally, science tailored to influence policy in Colombia and Costa Rica was used to inform and formulate the INDCs (outcome case studies reported), these outcomes were a result of joint work with CGIAR centers (CIAT and IFPRI), CCAFS Flagship teams (FP1, FP4, FP3) and several partners.

Communication and engagement activities have contributed to achieving your Project outcomes: Capacity was built through a communications workshop in order to provide inputs to regional communicators to release information on climate change and agriculture, a regional communications network was created which enables the dissemination of CCAFS outputs, capacity and engagement supporting the outcomes achievement.

A summer school course was also advertised and several relevant stakeholders were invited.

Workshops and meetings were developed in order to support engagement and achievement of outcomes with several partners and researchers from CGIAR centers.

Evidence documents of progress towards outcomes: <Not defined>

Annual progress towards outcome (end of 2016): Implementation of commercial product of insurance in Honduras not only in pilot site but in other prioritized areas in Honduras. Publication of monographs in prioritized countries supporting national policies, strategies and/or plans. Implementation of academic network approach in other places in the region,

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making broader the capacity building process.

Annual progress towards outcome (end of 2017): N/A

Annual progress towards outcome (end of 2018): N/A

Lessons regarding your Theory of Change and implications for the coming planning cycle; e.g. how have your assumptions changed, or do you have stronger evidence for them: Regarding LAMNET one of our assumptions that building regional capacity on innovations in measurements, modelling and policy will catalyze regional change which has not changed given the good response received.

Engagement with stakeholders and also researchers is one of our main strategies and it has worked very well, and also they see the value added that CCAFS is bringing to the various initiatives.

4.2 Contribution to CCAFS Outcomes

RP LAM - Outcome 2019: National governments formulate and implement NAMAS and LEDS based on improved data on smallholder agricultural GHG emissions and implement equitable policies to strengthen linkages among environment and agriculture in order to avoid deforestation from commodity agriculture, promote restoration to increase carbon sequestration and reduce GHG emissions from livestock and commodities. Research organizations generate improved data on smallholder agricultural GHG emissions. Local governments contribute to the development of NAMAS and LEDS action plans at local level.

Indicator #1: FP3 Indicator: # of low emissions plans developed that have significant mitigation potential for 2025, i.e. will contribute to at least 5% GHG reduction or reach at least 10,000 farmers, including at least 10% women.

2019	
Target value: N/A	Cumulative target to date: Cannot be Calculated
Target narrative: N/A	
The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined>	

2015		
Target value: Activity 2014-284: 1000 farmers	Cumulative target to date: Cannot be Calculated	Target achieved: 500.0

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2015	
Target narrative: <Not defined>	
Narrative for your achieved targets, including evidence: We have focus in La Danta in Northern Nicaragua from which at least 50% have adopted the QMAS system, additionally we are focus in households and not in farmers a household can have more people. The actual definition of a farmer in Nicaragua is someone that produce and sell an agricultural product even without owning land. For that the total number of farmers in west-north Nicaragua is around 500 farmers.	
The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined>	
Narrative for your achieved annual gender and social inclusion contribution to this CCAFS outcome: Mainly measurements were done in this activity.	

2016	
Target value: 2	Cumulative target to date: Cannot be Calculated
Target narrative: GHG measurements will be done in 2 LAM CSVs in order to contribute policy formulation regarding mitigation potentials.	
The expected annual gender and social inclusion contribution to this CCAFS Outcome: There in no expected contribution on this regard.	

2014		
Target value: <Not defined>	Cumulative target to date: 0	Target achieved: <Not defined>
Target narrative: <Not defined>		
Narrative for your achieved targets, including evidence: <Not defined>		
The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined>		
Narrative for your achieved annual gender and social inclusion contribution to this CCAFS outcome: <Not defined>		

RP LAM - Outcome 2019: Meteorological Services generate tailored climate information for decision-makers both at national and local level. Ministries of Agriculture generate and communicate tailored agro-climate services through extension services to help smallholder farmers to reduce climate risks, as well as food security information to create informed safety nets. Research institutions develop demand-driven insurance options based on agro-climate information, seed markets, and CSA context-specific options. Private Sector contributes to the development and implements insurance options for smallholder farmers.

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Indicator #1: FP2 Indicator: Number of regional, national, and/or sub-national initiatives incorporating research outputs to develop or improve major demand-driven, equitable, climate informed services that support rural communities

2019	
Target value: N/A	Cumulative target to date: Cannot be Calculated
Target narrative: N/A	
The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined>	

2015		
Target value: Activity 2014-280: 1	Cumulative target to date: Cannot be Calculated	Target achieved: 1.0
Target narrative: <Not defined>		
Narrative for your achieved targets, including evidence: The IRI with representatives of government's climate sector providers, COPECO, and discussed with SAG how to connect ongoing efforts to develop a agro-climatic platform that would help better inform index insurance decisions and provide tailored information to farmers.		
In 2015, IRI conducted workshops with about 13 institutions and 412 farmers. IRI carried-out field research to design a drought index insurance prototype product for basic grains, that has been validated and tested in the field through dry run experiments with over 230 farmers in the Dry Corridor. The index captured the 2015 drought, providing confidence of it's implementability.		
The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined>		
Narrative for your achieved annual gender and social inclusion contribution to this CCAFS outcome: Activities organized in the field have been inclusive of women and men producers, even though with a male majority.		

2016	
Target value: 2	Cumulative target to date: Cannot be Calculated
Target narrative: Activity 2014-280: The National Meteorological Service will provide and tailored climate information to implement into the design of an index insurance product offered to farmers in Honduras. Zamorano will contribute to the development of a research program under this activity, that will ensure that index insurance products are developed in line with end-users demands.	
The expected annual gender and social inclusion contribution to this CCAFS Outcome: The approach within the activity includes the analysis of dynamics within women and men regarding the testing and implementation of the index insurance product,	

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2014		
Target value: <Not defined>	Cumulative target to date: 0	Target achieved: <Not defined>
Target narrative: <Not defined>		
Narrative for your achieved targets, including evidence: <Not defined>		
The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined>		
Narrative for your achieved annual gender and social inclusion contribution to this CCAFS outcome: <Not defined>		

RP LAM - Outcome 2019: LAM's producers associations are choosing and promoting CSA context-specific practices through strengthened extension services rescuing ancient and traditional knowledge. Local governments develop equitable local agricultural development plans using CSA context-specific portfolios assessed economically to plan and prioritize their investments focusing on climate variability challenges. NARS develop demand-driven outputs with sufficient technological capacity to address agricultural sector needs to face climate challenges. Private sector works with producer's associations, local and national governments to implement and scale out CSA involving agricultural market agents through innovative approaches (incentives along value chain to access to certification schemes). National governments scale up CSA approach based on successful experiences developed at local level.

Indicator #1: FP1 Indicator: # of national and subnational development initiatives and public institutions that prioritize and inform project implementation of equitable best bet CSA options using CCAFS science and decision support tools

2019	
Target value: N/A	Cumulative target to date: Cannot be Calculated
Target narrative: N/A	
The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined>	

2015		
Target value: Activity 2014-286: 2	Cumulative target to date: Cannot be Calculated	Target achieved: 6.0

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2015	
Target narrative: <Not defined>	
Narrative for your achieved targets, including evidence: Intensive training of relevant stakeholders from six (6) regional countries and the next generation of scientists (PhD students) on standard methodology will inform prioritization of CSA options	
The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined>	
Narrative for your achieved annual gender and social inclusion contribution to this CCAFS outcome: The LAMENT PhD students are (4 females and 3 males). The course was attended by xx women and xx men.	

2016	
Target value: 1	Cumulative target to date: Cannot be Calculated
Target narrative: Activity 2014-286: Producer associations in Nicaragua will implement strategies proposed to develop strategies to strengthen extension services in prioritized crops.	
The expected annual gender and social inclusion contribution to this CCAFS Outcome: Farmers association in Colombia is led by women through which their empowerment will be strengthened due to the development of the activity.	

2014		
Target value: <Not defined>	Cumulative target to date: 0	Target achieved: <Not defined>
Target narrative: <Not defined>		
Narrative for your achieved targets, including evidence: <Not defined>		
The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined>		
Narrative for your achieved annual gender and social inclusion contribution to this CCAFS outcome: <Not defined>		

RP LAM - Outcome 2019: National governments design and enact equitable food systems policies and strategies taking adaptation into consideration to support national and regional policy and global climate change negotiations. Private institutions develop and support implementation of NAPs and equivalent policies with their respective investment plans addressing climate challenges to increase food security and resilience to changes in climate.

Indicator #1: FP4 Indicator: # of equitable national/subnational food system policies enacted that take into consideration climate smart practices and strategies

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2019	
Target value: N/A	Cumulative target to date: Cannot be Calculated
Target narrative: N/A	
The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined>	

2015		
Target value: Activity 2014-279: 1	Cumulative target to date: Cannot be Calculated	Target achieved: 3.0
Target narrative: <Not defined>		
Narrative for your achieved targets, including evidence: * Local Technical Agroclimatic Committees, a CCAFS initiative, are considered as a adaptation strategy in Colombia's INDCs submitted during COP21. * CCAFS enabled the dialogue between scientists and decision and policy makers of Colombia to strengthen the formulation of Colombia's INDCs. * Socioeconomic scenarios strengthen the process of formulating Costa Rica INDCs.		
The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined>		
Narrative for your achieved annual gender and social inclusion contribution to this CCAFS outcome: Gender dimension was not explicitly addressed however both women and men participated in all three processes.		

2016	
Target value: 2	Cumulative target to date: Cannot be Calculated
Target narrative: Activity 2014-279: Climate change and agriculture policies will include CSA options and will be formulated by policy makers that based on the evidence from this project know the potential benefits of the CSA approach in their country.	
The expected annual gender and social inclusion contribution to this CCAFS Outcome: Modelling results of the monographs does not analyze gender and social inclusion dynamics but with the support of the work in other projects related to policy and gender (FP4) inclusion this will be addressed.	

2014		
Target value: <Not defined>	Cumulative target to date: 0	Target achieved: <Not defined>
Target narrative: <Not defined>		
Narrative for your achieved targets, including evidence: <Not defined>		

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2014
The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined>
Narrative for your achieved annual gender and social inclusion contribution to this CCAFS outcome: <Not defined>

4.3 Other Contributions

Contribution to other CCAFS Impact Pathways

Activity 2014-280: RP-LAM MOG #5: Evidence to generate building capacity to support local adaptation processes to scale up and out the successful approaches in the region. We are contributing to this by building local capacity to implement adaptation processes at local, regional and national levels.

RP-LAM MOG #11: National and regional support climate-informed tools for investment in climate informed agricultural and food security decision-making. By working with local institutions to develop climate-informed tools, such as index insurance, we are increasing the local decision-making capacity in climate risk management and proving livelihoods and food security.

Collaborating with other CRPs

Livestock and Fish
Description of collaboration: The work on GHG measurements being conducted in the project funded by Livestock and Fish was one of the main focus during the summer school
The achieved outcome contributions: <Not defined>

4.4 Outcome case studies

Outcome case study #1
<p>Title: Scenario guided development of Costa Rica's Intended Nationally Determined Contribution (INDC)</p>
<p>Outcome statement: In search for a complementary tool to define emission reduction goals (other than model projections), Costa Rica's INDC team (MINAE) used the CCAFS scenario methodology to start a dialogue amongst national experts, define robust mitigation measures and create a long term national vision on emission reduction. 10 of the 23 mitigation measures of the INDC originated in the scenario workshop. This outcome results from a collaboration between CCAFS LAM and FP4.</p>
<p>Research Outputs: Shifting the paradigm: Narratives of the future guide the development Costa Rica's INDC. Resumen de recomendaciones para la Contribución Nacional con base en la creación y un análisis participativo de escenarios socioeconómicos futuros de Costa Rica al 2030. Recomendaciones para la Contribución Nacional del sector agropecuario guiadas por escenarios socioeconómicos futuros de Costa Rica. Recomendaciones para la Contribución Nacional del sector forestal guiadas por escenarios socioeconómicos futuros de Costa Rica. 2015 Recomendaciones para la Contribución Nacional del sector transporte guiadas por escenarios socioeconómicos futuros de Costa Rica. 2015 Recomendaciones para la Contribución Nacional del sector residuos guiadas por escenarios socioeconómicos futuros de Costa Rica. 2015 Recomendaciones para la Contribución Nacional del sector energía eléctrica guiadas por escenarios socioeconómicos futuros de Costa Rica.</p>
<p>Research Partners: UCI, Oxford University, IFPRI</p>
<p>Activities that contributed to the outcome:</p> <ol style="list-style-type: none"> Pascal Girot, coordinator of Costa Rica's INDC team, participated in the 2013 scenario workshop in which regional scenarios for Central America were created. He identified the methodology as useful to create the INDC. UCI motivated the INDC team to create a document with current government proposals to reduce emissions. In a 2 day scenario workshop, 30 national experts reviewed and added suggestions to this document. The new and improved measures were tested for resilience in 4 future scenarios of Costa Rica, downscaled from the CCAFS scenarios for Central America and adjusted to Costa Rica and INDC relevant issues. Experts formulated recommendations of improvement and identified which were the most and least robust measures. For each following sector workshop MINAE used a report with recommendations that resulted from the scenario workshop to start a dialogue. A final summary report of recommendations for the final INDC document.
<p>Non-research Partners: Ministry of Environment (MINAE), UNDP, World Bank, Latin Clima, Programa de Investigación en Desarrollo Urbano Sostenible (PRODUS), Universidad de Costa Rica (UCR), Universidad Nacional de Costa Rica (UNA), Facultad Latinoamericana de Ciencias Sociales (FLACSO), Estudios, Proyectos y Planificación S.A. (EPYPSA), SCS Global Services, German Corporation for International Cooperation (GIZ), Fundación Para El Desarrollo De La Cordillera Volcanica Central (FUNDECOR), Chrysinia S.A, Costa Rica Limpia, Conservation International (CI), and CO2.cr.</p>
<p>Output Users: Pascal Girot (coordinator INDC-team); Minister of Environment Edgar Gutiérrez; 5 consultants of INDC team including World Bank; 373 representatives of public/private sector that used the scenario tested list of robust measures to initiate dialogue in sector workshops; Ministries of Agriculture and Environment, all other Ministries involved in the INDC process.</p>
<p>How the output was used: It was used during the participatory approach in the formulation of the INDC in order to consider various sector inputs, ideas, efforts and contributions.</p>

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Evidence of the outcome: The development of Costa Rica's INDC, including the motives for and main results of the CCAFS scenario methodology, is described in the following document, soon to be published by MINAE's Climate Change Unit on her website: "Estudio de Caso: El Proceso de Elaboración de la Contribución Nacional-INDC de Costa Rica".

References: Paniagua, F. 2016. Estudio de Caso: El Proceso de Elaboración de la Contribución Nacional (INDC) de Costa Rica. San José: Ministerio de Ambiente y Energía (MINAE).

Veeger, M., Vervoort, J., Martinez, D., De Leon, F., Paniagua, F. 2015. Shifting the paradigm: Narratives of the future guide the development Costa Rica's INDC. Copenhagen, Denmark: CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS). <https://cgspace.cgiar.org/handle/10568/69238>

Blog: <https://ccafs.cgiar.org/es/escenarios-futuros-para-guiar-la-contribuci%C3%B3n-prevista-determinada-de-costa-rica#.Vm21Nkorlgt>

Video: <https://vimeo.com/147130700>

Case study: <https://ccafs.cgiar.org/es/news/escenarios-futuros-una-herramienta-clave-para-el-desarrollo-de-la-indc-de-costa-rica#.Vs4dHPkrlgt>

The primary 2019 outcome indicator that this case study is contributing to:

FP4 Indicator: # of equitable national/subnational food system policies enacted that take into consideration climate smart practices and strategies

Explanation of the link between your outcome story and the CCAFS indicators:

Year: 2015

Annexes uploaded: [Resumen recomendaciones para INDC Costa Rica_taller escenarios CCAFS.pdf](#)

Outcome case study #2

Title: Colombia's agriculture in the Intended Nationally Determined Contribution spotlight

Outcome statement: Colombia was aiming for an equitable and ambitious national commitment ahead of COP21 which, in turn, contribute to their sustainable development. Following this line, Colombia announced its commitment to reduce 20% of GHG emissions by 2030. CCAFS put together national stakeholders and CGIAR research centers IFPRI and CIAT to support the growth emissions baseline and mitigation-scenarios through the assessment of potential emission reduction measures implemented in the AFOLU sector, using IFPRI's land-use, crop an partial equilibrium models.

Research Outputs: International Model for Policy Analysis of Agricultural Commodities and Trade (IMPACT) Model (Rosegant et al, 2012)

AgriTech Toolbox: Using agricultural technologies for enhanced productivity and sustainable food security (IFPRI, 2014)

Preparation Process of the Intended Nationally Determined Contribution of Colombia, Advances to April 2015 (MADS, 2015)

Intended Nationally Determined Contribution – iNDC (Government of Colombia, 2015)

Colombian Intended Nationally Determined Contribution – Support document (MADS, 2015)

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Research Partners: International Food Policy Research Institute (IFPRI): Modelling the impact of mitigation measures in AFOLU sector using IMPACT.

Universidad de los Andes (UdeA): University selected by the Colombian government to coordinate the research on baseline emissions for the iNDC

Activities that contributed to the outcome: CCAFS engaged with the team responsible of the development of the iNDC and brought together researchers from IFPRI and UdeA, along with institutions of the AFOLU sector in Colombia, among many other stakeholders who brought country information to the modelling tools, so that MADS can test what mitigation measures have the best potential to reduce emissions.

With the information gathered from the process, Colombia was the first country in South America to present its iNDC, and with a goal that bets on sustainable development which took into account all the productive sectors, especially AFOLU, as an integral part of its development model.

Non-research Partners: Institutions part of or engaged with the AFOLU sector, such as the Colombian Corporation for Agricultural Research (Corpoica), the Ministry of Agriculture and Rural Development (MADR), the Rural Agricultural Planning Unit (UPRA), the National Planning Department (DNP), Institute of Hydrology, Meteorology and Environmental Studies of Colombia (IDEAM), Colombian Federation of Cattle (Fedegan) and other gremios in the sector, brought country information to the modelling tools, so that MADS can test what mitigation measures have the best potential to reduce emissions.

Output Users: Ministry of Environment and Sustainable Development (MADS)
Ministry of Agriculture and Rural Development (MADR)
National Planning Department (DNP)

How the output was used: The modelling exercises included different alternatives such as the development of silvopastoral projects in livestock and reforestation, with the own information of the country, to establish a more robust mitigation potential with less uncertainty, so that the MADS will set the ambitious goal unconditional reduction of 20%.

Evidence of the outcome: Colombian Intended Nationally Determined Contribution – Support document
<http://educacion-ambiental.minambiente.gov.co/images/documentos/cop-21/INDC-Consolidado.pdf>
Preparation Process of the Intended Nationally Determined Contribution of Colombia, Advances to April 2015 (MADS, 2015)
https://www.minambiente.gov.co/images/cambioclimatico/pdf/colombia_hacia_la_COP21/2015_12_Mayo_IND_C_Proceso.pdf
Press Release: Colombia presents its commitment to reduce by 20% the emissions of Greenhouse Gases
http://educacion-ambiental.minambiente.gov.co/images/documentos/boletines/2015-Comunicado_compromiso_COP21_SIDE_EVENT_COLOMBIA.pdf
Reaffirm commitment to reduce gas emissions 20% <http://www.elnuevosiglo.com.co/articulos/12-2015-ratifican-compromiso-de-reducir-20-emisiones-de-gases.html>

Submitted on 2016-03-04 at 02:41 UTC

References: Rosegrant, M., The IMPACT Development Team. (2012). International Model for Policy Analysis of Agricultural Commodities and Trade (IMPACT) Model Description. Washington DC: IFPRI. Available at <http://www.ifpri.org/publication/international-model-policy-analysis-agricultural-commodities-and-trade-impact>

IFPRI. (2014) AgriTech Toolbox: Using agricultural technologies for enhanced productivity and sustainable food security. Washington DC: IFPRI. Available at <http://www.ifpri.org/publication/agritech-toolbox-using-agricultural-technologies-enhanced-productivity-and-sustainable>

Ministerio de Ambiente y Desarrollo Sostenible [MADS]. (2015). Proceso de Preparación de la “Contribución Determinada Nacionalmente” de Colombia – Avances a Abril de 2015. Bogotá DC: MADS. Available at https://www.minambiente.gov.co/images/cambioclimatico/pdf/colombia_hacia_la_COP21/2015_12_Mayo_IND C_Proceso.pdf

Ministerio de Ambiente y Desarrollo Sostenible [MADS]. (2015). Contribución Prevista y Nacionalmente Determinada (iNDC) de Colombia – Documento de Soporte. Bogotá DC: MADS. Available at <http://educacion-ambiental.minambiente.gov.co/images/documentos/cop-21/INDC-Consolidado.pdf>

Gobierno de Colombia. (2015). Intended Nationally Determined Contribution iNDC. Bogotá DC: Gobierno de Colombia. Available at https://www.minambiente.gov.co/images/cambioclimatico/pdf/colombia_hacia_la_COP21/iNDC_ingles.pdf

The primary 2019 outcome indicator that this case study is contributing to:

FP3 Indicator: # of low emissions plans developed that have significant mitigation potential for 2025, i.e. will contribute to at least 5% GHG reduction or reach at least 10,000 farmers, including at least 10% women.

FP4 Indicator: # of equitable national/subnational food system policies enacted that take into consideration climate smart practices and strategies

Explanation of the link between your outcome story and the CCAFS indicators:

Year: 2015

Annexes uploaded: [Colombia iNDC Unofficial translation Eng.pdf](#)

5. Project outputs

5.1 Overview by MOGs

Major Output groups - 2019
<p>FP3 - MOG # 1: Methods and data for quantifying low-emissions agriculture options appropriate to smallholder farmers</p> <p>Brief bullet points of your expected annual 2019 contribution towards the selected MOG <Not defined></p> <p>Brief plan of the gender and social inclusion dimension of the expected annual output <Not defined></p>
<p>FP4 - MOG # 1: Improved national planning processes through policy analyses, (re)formulation and implementation; and stakeholder analyses and engagement through scenarios, learning alliances and science-policy dialogues</p> <p>Brief bullet points of your expected annual 2019 contribution towards the selected MOG <Not defined></p> <p>Brief plan of the gender and social inclusion dimension of the expected annual output <Not defined></p>
<p>FP1 - MOG # 4: Innovative knowledge management systems (ICT, information network, multi-stakeholder platforms, learning alliances, fora etc) and strategic engagements approaches and partnerships that promote access, co-creation, capacity building, learning, 2 ways sharing and dissemination of CSA information and tools to farmers, extension services, agro-dealer networks, local governments, private sector, academia etc. (LAM, WA, EA, SA, SEA)</p> <p>Brief bullet points of your expected annual 2019 contribution towards the selected MOG <Not defined></p> <p>Brief plan of the gender and social inclusion dimension of the expected annual output <Not defined></p>
<p>FP1 - MOG # 1: Context specific (targeted) suitable CSA options and portfolios that build on traditional knowledge, meet the needs of farmers and enhance productivity, adaptive capacity, food security and social equity (LAM, WA, EA, SA, SEA)</p> <p>Brief bullet points of your expected annual 2019 contribution towards the selected MOG <Not defined></p> <p>Brief plan of the gender and social inclusion dimension of the expected annual output <Not defined></p>

Submitted on 2016-03-04 at 02:41 UTC

FP2 - MOG # 3: Weather related Insurance products are designed, tested, and brought to scale with implementing partners

Brief bullet points of your expected annual 2019 contribution towards the selected MOG

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

FP4 - MOG # 2: Priority setting contextualised with national stakeholders and capacity strengthened to apply outputs in policy formulation; including trade-off analyses, foresight activities, and quantification of regional socio-economic scenarios

Brief bullet points of your expected annual 2019 contribution towards the selected MOG

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

FP2 - MOG # 2: New knowledge, capacity, and tools supporting the provision of equitable climate services for farmers are developed

Brief bullet points of your expected annual 2019 contribution towards the selected MOG

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

FP2 - MOG # 1: New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries

Brief bullet points of your expected annual 2019 contribution towards the selected MOG

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

FP3 - MOG # 3: Incentives and innovations for scale-up of low-emissions practices and avoided deforestation by agricultural commodities

Brief bullet points of your expected annual 2019 contribution towards the selected MOG

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Major Output groups - 2014

Submitted on 2016-03-04 at 02:41 UTC

FP3 - MOG # 1: Methods and data for quantifying low-emissions agriculture options appropriate to smallholder farmers

Brief bullet points of your expected annual 2014 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2014 contribution towards the selected MOG:

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2014 outputs:

<Not defined>

FP4 - MOG # 1: Improved national planning processes through policy analyses, (re)formulation and implementation; and stakeholder analyses and engagement through scenarios, learning alliances and science-policy dialogues

Brief bullet points of your expected annual 2014 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2014 contribution towards the selected MOG:

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2014 outputs:

<Not defined>

FP1 - MOG # 4: Innovative knowledge management systems (ICT, information network, multi-stakeholder platforms, learning alliances, fora etc) and strategic engagements approaches and partnerships that promote access, co-creation, capacity building, learning, 2 ways sharing and dissemination of CSA information and tools to farmers, extension services, agro-dealer networks, local governments, private sector, academia etc. (LAM, WA, EA, SA, SEA)

Brief bullet points of your expected annual 2014 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2014 contribution towards the selected MOG:

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2014 outputs:

<Not defined>

Submitted on 2016-03-04 at 02:41 UTC

FP1 - MOG # 1: Context specific (targeted) suitable CSA options and portfolios that build on traditional knowledge, meet the needs of farmers and enhance productivity, adaptive capacity, food security and social equity (LAM, WA, EA, SA, SEA)

Brief bullet points of your expected annual 2014 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2014 contribution towards the selected MOG:

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2014 outputs:

<Not defined>

FP2 - MOG # 3: Weather related Insurance products are designed, tested, and brought to scale with implementing partners

Brief bullet points of your expected annual 2014 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2014 contribution towards the selected MOG:

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2014 outputs:

<Not defined>

FP4 - MOG # 2: Priority setting contextualised with national stakeholders and capacity strengthened to apply outputs in policy formulation; including trade-off analyses, foresight activities, and quantification of regional socio-economic scenarios

Brief bullet points of your expected annual 2014 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2014 contribution towards the selected MOG:

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2014 outputs:

<Not defined>

Submitted on 2016-03-04 at 02:41 UTC

FP2 - MOG # 2: New knowledge, capacity, and tools supporting the provision of equitable climate services for farmers are developed

Brief bullet points of your expected annual 2014 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2014 contribution towards the selected MOG:

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2014 outputs:

<Not defined>

FP2 - MOG # 1: New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries

Brief bullet points of your expected annual 2014 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2014 contribution towards the selected MOG:

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2014 outputs:

<Not defined>

FP3 - MOG # 3: Incentives and innovations for scale-up of low-emissions practices and avoided deforestation by agricultural commodities

Brief bullet points of your expected annual 2014 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2014 contribution towards the selected MOG:

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2014 outputs:

<Not defined>

Major Output groups - 2015

Submitted on 2016-03-04 at 02:41 UTC

FP3 - MOG # 1: Methods and data for quantifying low-emissions agriculture options appropriate to smallholder farmers

Brief bullet points of your expected annual 2015 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2015 contribution towards the selected MOG:

* Greenhouse gas emissions from improved and degraded pastures using SAMPLES methodology in Nicaragua, Colombia, Brazil, Trinidad and Tobago, and Argentina.

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2015 outputs:

* The experiments does not include gender and social inclusion dimension, these are purely agronomic experiments.

FP4 - MOG # 1: Improved national planning processes through policy analyses, (re)formulation and implementation; and stakeholder analyses and engagement through scenarios, learning alliances and science-policy dialogues

Brief bullet points of your expected annual 2015 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2015 contribution towards the selected MOG:

* Future scenarios methodology was useful to formulate Costa Rica INDCs.

* Based on the success of Local Technical Agroclimatic Committees where CCAFS enabled dialogue between scientists and local actors on agroclimatic information to support farmers decision making process, the government included it as an adaptation strategy in Colombia INDCs.

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2015 outputs:

* Methodologies do not include an specific dimension on gender and social inclusion, however the approach includes participation of a variety of sectors, levels and people.

Submitted on 2016-03-04 at 02:41 UTC

FP1 - MOG # 4: Innovative knowledge management systems (ICT, information network, multi-stakeholder platforms, learning alliances, fora etc) and strategic engagements approaches and partnerships that promote access, co-creation, capacity building, learning, 2 ways sharing and dissemination of CSA information and tools to farmers, extension services, agro-dealer networks, local governments, private sector, academia etc. (LAM, WA, EA, SA, SEA)

Brief bullet points of your expected annual 2015 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2015 contribution towards the selected MOG:

* Capacity building and empowerment in the implementation of CSA practices was done in Tolima, Colombia with indigenous communities vulnerable to drought events and water scarcity.

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2015 outputs:

* The leaders of the indigenous community are women, and they are know empowered to implement a IFAD funded project to continue the initiative started with CCAFS and CIAT support.

FP1 - MOG # 1: Context specific (targeted) suitable CSA options and portfolios that build on traditional knowledge, meet the needs of farmers and enhance productivity, adaptive capacity, food security and social equity (LAM, WA, EA, SA, SEA)

Brief bullet points of your expected annual 2015 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2015 contribution towards the selected MOG:

Identification of CSA practices in a participatory way with indigenous communities in Tolima, implementation of new technologies (forrages, beans varieties) from CIAT and Corpoica and improvement/support of traditional practices that matched CSA.

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2015 outputs:

* Knowledge of women community leaders have increased their knowledge on CSA practices and are committed to continue implementing due to their results.

Submitted on 2016-03-04 at 02:41 UTC

FP2 - MOG # 3: Weather related Insurance products are designed, tested, and brought to scale with implementing partners

Brief bullet points of your expected annual 2015 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2015 contribution towards the selected MOG:

Design of Index Insurance Prototype for basic grains in the Dry-Corridor. The team at IRI has developed a technical note that can be tailored/adjusted for insurance companies to adopt the product.

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2015 outputs:

Participatory process of index insurance development included the participation of man and women farmers in order to consider both perspectives.

FP4 - MOG # 2: Priority setting contextualised with national stakeholders and capacity strengthened to apply outputs in policy formulation; including trade-off analyses, foresight activities, and quantification of regional socio-economic scenarios

Brief bullet points of your expected annual 2015 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2015 contribution towards the selected MOG:

* Using the future scenarios methodology Honduras Adaptation Strategy for the Agricultural Sector was strengthened.

* CCAFS enabled the dialogue between IFPRI and CIAT scientists and National Government of Colombia in order to support with the combination of land use, partial economic and crop models the formulation of INDCs.

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2015 outputs:

* No specific gender dimension was addressed with the methodologies used.

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FP2 - MOG # 2: New knowledge, capacity, and tools supporting the provision of equitable climate services for farmers are developed

Brief bullet points of your expected annual 2015 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2015 contribution towards the selected MOG:

* Development of Local Technical Agroclimatic Committees Initiative in Colombia, as a dialogue that enable the use of scientific agroclimatic information by local actors and farmers to support their decision making process on what to plant and when. Initiative supported and promoted by the Ministry of Agriculture and Rural Development.

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2015 outputs:

* No specific gender dimension was addressed with the methodologies used.

FP2 - MOG # 1: New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries

Brief bullet points of your expected annual 2015 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2015 contribution towards the selected MOG:

* Methodology used in the Local Technical Agroclimatic Committees Initiative in Colombia is supporting national processes such as the formulation of National Agroclimatic Bulletin led by Ministry of Agriculture, IDEAM (National Meteorological Institution) and CIAT.

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2015 outputs:

* No specific gender dimension was addressed with the methodologies used.

FP3 - MOG # 3: Incentives and innovations for scale-up of low-emissions practices and avoided deforestation by agricultural commodities

Brief bullet points of your expected annual 2015 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2015 contribution towards the selected MOG:

LAMNET network is supporting knowledge sharing among countries regarding not only GHG emissions but also low emissions practices through bilateral dialogues and results exchange.

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2015 outputs:

* No specific gender dimension was addressed with the methodologies used.

Major Output groups - 2016

FP3 - MOG # 1: Methods and data for quantifying low-emissions agriculture options appropriate to smallholder farmers

Brief bullet points of your expected annual 2016 contribution towards the selected MOG

GHG measurements in predominant crops in Nicaragua and Colombia CSVs.

Brief plan of the gender and social inclusion dimension of the expected annual output

Gender and social inclusion and GHG measurements is not a relevant.

FP4 - MOG # 1: Improved national planning processes through policy analyses, (re)formulation and implementation; and stakeholder analyses and engagement through scenarios, learning alliances and science-policy dialogues

Brief bullet points of your expected annual 2016 contribution towards the selected MOG

Monographs on climate change impacts in agriculture for LAM countries will be an input to inform policy formulation.

Brief plan of the gender and social inclusion dimension of the expected annual output

Modelling does not include a gender and social inclusion module, however through FP4 project gender in climate change policy formulation will be addressed.

FP1 - MOG # 4: Innovative knowledge management systems (ICT, information network, multi-stakeholder platforms, learning alliances, fora etc) and strategic engagements approaches and partnerships that promote access, co-creation, capacity building, learning, 2 ways sharing and dissemination of CSA information and tools to farmers, extension services, agro-dealer networks, local governments, private sector, academia etc. (LAM, WA, EA, SA, SEA)

Brief bullet points of your expected annual 2016 contribution towards the selected MOG

Diagnostic and strategies on how to address extension services in Latin America will be delivered including innovation platforms.

Brief plan of the gender and social inclusion dimension of the expected annual output

Gender and social analysis will be addressed through the involvement of women associations in the target sites of work and identifying their role within the extension services dynamics.

FP1 - MOG # 1: Context specific (targeted) suitable CSA options and portfolios that build on traditional knowledge, meet the needs of farmers and enhance productivity, adaptive capacity, food security and social equity (LAM, WA, EA, SA, SEA)

Brief bullet points of your expected annual 2016 contribution towards the selected MOG

5 CSA adaptation measures tested and evaluated with the communities in Tolima, Colombia.

Participatory evaluation of forages, cassava, beans and maize varieties

Brief plan of the gender and social inclusion dimension of the expected annual output

Gender and social analysis will be addressed through the involvement of women associations in the target sites of work and identifying their role within the testing and evaluation processes.

Submitted on 2016-03-04 at 02:41 UTC

FP2 - MOG # 3: Weather related Insurance products are designed, tested, and brought to scale with implementing partners

Brief bullet points of your expected annual 2016 contribution towards the selected MOG

Participatory development of Index insurance product on drought in Honduras.

Brief plan of the gender and social inclusion dimension of the expected annual output

The participatory approach to develop the Index insurance product involved the participation of women, however the analysis of their roles will be considered.

FP4 - MOG # 2: Priority setting contextualised with national stakeholders and capacity strengthened to apply outputs in policy formulation; including trade-off analyses, foresight activities, and quantification of regional socio-economic scenarios

Brief bullet points of your expected annual 2016 contribution towards the selected MOG

Socioeconomic scenarios experiences and lessons learned will be shared with other countries in the region in order to promote south-south cooperation, and support its use and implementation. Potential work with Chile.

Brief plan of the gender and social inclusion dimension of the expected annual output

The scenarios methodology does not include a specific gender approach.

FP2 - MOG # 2: New knowledge, capacity, and tools supporting the provision of equitable climate services for farmers are developed

Brief bullet points of your expected annual 2016 contribution towards the selected MOG

Enhanced climate and agriculture information bulletins for informing climate risk management decisions

Brief plan of the gender and social inclusion dimension of the expected annual output

The participatory approach to develop the Index insurance product involved the participation of women, however the analysis of their roles will be considered.

FP2 - MOG # 1: New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries

Brief bullet points of your expected annual 2016 contribution towards the selected MOG

Work with Met services in Honduras through the development and implementation of the index insurance product will enhance the engagement and will provide targeted climate information for that purpose.

Brief plan of the gender and social inclusion dimension of the expected annual output

The participatory approach to develop the Index insurance product involved the participation of women, however the analysis of their roles will be considered.

Submitted on 2016-03-04 at 02:41 UTC

FP3 - MOG # 3: Incentives and innovations for scale-up of low-emissions practices and avoided deforestation by agricultural commodities

Brief bullet points of your expected annual 2016 contribution towards the selected MOG

The CLIFF-LAMNET network will enable sharing new information on GHG measurements in a regional context and will enable the exchange of low-emissions practices within the region that will create incentives to scale up.

Brief plan of the gender and social inclusion dimension of the expected annual output

No plan of the gender and social inclusion dimension has been identified within the network given its early establishment but will be put as a discussion topic in 2016 exchanges.

Lessons regarding your major outputs groups (MOGs) and possible implications for the coming planning cycle: <Not defined>

Submitted on 2016-03-04 at 02:41 UTC

5.2 Deliverables

Deliverable #1

Main Information	
Title: Research Monograph for Adaptation to Climate Change in Latin America	
MOG # 1: Improved national planning processes through policy analyses, (re)formulation and implementation; and stakeholder analyses and engagement through scenarios, learning alliances and science-policy dialogues	
Main Type: Peer reviewed Publications	Sub Type: Books
Year of expected completion: 2016	
Status: On-going	Justification for cancelling the deliverable: Country-level chapters have been developed with national experts for six countries in the region with WB support and regional chapter is being written. During 2016, the validation and coherence of national chapters with the regional one will be done, as well as the submission to be published.

Next-user
Policymakers, researchers, donors
Knowledge, attitude, skills and practice changes expected in next-user: Able to understand the potential impact of climate change on agriculture in his/her country and choose appropriate policies and actions to enable the farmers to successfully adapt.
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Personal meetings, workshops and conferences, social media, and brochures.

Partners contributing to this deliverable
Partner #1 (Responsible): Thomas, Tim <tim.thomas@cgiar.org>, IFPRI - International Food Policy Research Institute

Deliverable Ranking	
Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination

Submitted on 2016-03-04 at 02:41 UTC

Open access restriction: <Not defined>
License adopted: <Not defined>
Dissemination Channel: -1
Dissemination URL: <Not defined>

Deliverable Metadata

Description: <Not defined>
Creator / Authors: <Not defined>
Author Identifier: <Not defined>
Publication / Creation date: <Not defined>
Language: <Not defined>
Coverage: <Not defined>

Deliverable Data sharing

Deliverable files <Not defined>

Deliverable #2

Main Information

Title: Reports on participatory workshops implemented to develop the index insurance prototype	
MOG # 3: Weather related Insurance products are designed, tested, and brought to scale with implementing partners	
Main Type: Reports, Reference Materials and Other Papers	Sub Type: Research report
Year of expected completion: 2016	

Submitted on 2016-03-04 at 02:41 UTC

Status: On-going	<p>Justification for cancelling the deliverable: Held workshop with 9 institutions from the government, NGO, international cooperation, academia and private sector stakeholders on participatory index design.</p> <p>Conducted a dry-run experimental research activity with over 230 basic grains farmers to test the prototype index in the field and gather feedback to better inform the final prototype design.</p> <p>Conducted workshop with private sector participants (5) on index design and product monitoring in November 2015.</p> <p>Held follow-up meetings with 145 dry-run participants to discuss the outcome of the season and validate the final prototype.</p>
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Next-user

Secretariat of Agriculture and Livestock (SAG)/ DICTA

Knowledge, attitude, skills and practice changes expected in next-user: Participatory approaches, inclusion of all relevant stakeholders. Implementing a bottom-up approach to generate the design of an index product, that is driven by local farmer communities.

Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: SAG will be able to use the experience and the capacity built through the workshops throughout the index insurance prototype design process to promote and implement in other areas of Honduras, aiming to establish a sustainable product and agricultural insurance market at a national level.

Partners contributing to this deliverable

Partner #1 (Responsible): Osgood, Daniel <deo@iri.columbia.edu>, Columbia University

Deliverable Ranking

Address gender and social inclusion aspect	4
Potential for/ actual contribution to outcomes	5
Level of shared ownership (partnerships across org.)	5
What is your personal perspective of the importance of this product	5

Deliverable dissemination

Open access restriction: Yes

License adopted: <Not defined>

Dissemination Channel: -1

Dissemination URL: <Not defined>

Submitted on 2016-03-04 at 02:41 UTC

Deliverable Metadata
Description: Workshop reports
Creator / Authors: Sofia Martinez
Author Identifier: <Not defined>
Publication / Creation date: 2015
Language: en, es
Coverage: Honduras

Deliverable Data sharing
https://cloud.iri.columbia.edu/index.php/s/Ws18O6N7MUCWTz6
https://cloud.iri.columbia.edu/index.php/s/UuONhW2ajBjqe2G
https://cloud.iri.columbia.edu/index.php/s/HKkQlaobEenTeWG
https://cloud.iri.columbia.edu/index.php/s/1Lf3mBC84a6qa5r
https://cloud.iri.columbia.edu/index.php/s/1Lf3mBC84a6qa5r
https://cloud.iri.columbia.edu/index.php/s/BFyVPxYES03N1cy

Deliverable #3

Main Information	
Title: Prototype Index Insurance Product	
MOG # 3: Weather related Insurance products are designed, tested, and brought to scale with implementing partners	
Main Type: Tools and Computer Software	Sub Type: Tools
Year of expected completion: 2015	
Status: Complete	
Next-user	
SAG/DICTA, insurance stakeholders, producer associations	

Submitted on 2016-03-04 at 02:41 UTC

Knowledge, attitude, skills and practice changes expected in next-user: SAG will test index insurance prototype to identify potential areas of further implementation of a sustainable index insurance product which design was driven by end-users. Insurance sector will implement commercial index insurance products.

Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Involvement of all stakeholders (including farmers, government agencies, donor organizations, and the private sector) during the development of the index insurance prototype.

Partners contributing to this deliverable

Partner #1 (Responsible): Osgood, Daniel <deo@iri.columbia.edu>, Columbia University

Deliverable Ranking

Address gender and social inclusion aspect	4
Potential for/ actual contribution to outcomes	5
Level of shared ownership (partnerships across org.)	4
What is your personal perspective of the importance of this product	5

Deliverable dissemination

Open access restriction: Yes

License adopted: <Not defined>

Dissemination Channel: -1

Dissemination URL: [<Not defined>](#)

Deliverable Metadata

Description: Design of Index Insurance Prototype for basic grains in the Dry-Corridor. The team at IRI has developed a technical note that can be tailored/adjusted for insurance companies to adopt the product. (Note technical note document has later publishing date as uploaded version has been re-formatted).

Creator / Authors: Sofia Martinez,

Author Identifier: <Not defined>

Publication / Creation date: November 2015

Language: es

Coverage: El Paraiso Department, Honduras

Deliverable Data sharing

Submitted on 2016-03-04 at 02:41 UTC

<https://cloud.iri.columbia.edu/index.php/s/nhl4lrnwxK85Y67>**Deliverable #4**

Main Information	
Title: Capacity to conduct GHG emission research in Latin America built	
MOG # 1: Methods and data for quantifying low-emissions agriculture options appropriate to smallholder farmers	
Main Type: Workshops	Sub Type: Workshop
Year of expected completion: 2015	
Status: On-going	Justification for cancelling the deliverable: The Latin America Mitigation Network was started. A summer school course was conducted. We are currently working on expanding the network.

Next-user
scientific community
Knowledge, attitude, skills and practice changes expected in next-user: Implementation of new methodologies
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: The training workshop will provide a networking opportunity for grant recipients and also development of their skills in conducting GHG research and understand gender issues, knowledge which will be useful in future projects on low emission development.

Partners contributing to this deliverable
Partner #1 (Responsible): Chirinda, Ngonidzashe <n.chirinda@cgiar.org>, CIAT - Centro Internacional de Agricultura Tropical

Deliverable Ranking	
Address gender and social inclusion aspect	5
Potential for/ actual contribution to outcomes	5
Level of shared ownership (partnerships across org.)	5
What is your personal perspective of the importance of this product	5

Deliverable dissemination
Open access restriction: Yes

Submitted on 2016-03-04 at 02:41 UTC

License adopted: <Not defined>
Dissemination Channel: other
Dissemination URL: CCAFS and CIAT websites

Deliverable Metadata
Description: <Not defined>
Creator / Authors: <Not defined>
Author Identifier: <Not defined>
Publication / Creation date: <Not defined>
Language: <Not defined>
Coverage: <Not defined>

Deliverable Data sharing
Deliverable files <Not defined>

Deliverable #5

Main Information	
Title: Policy brief on extension services in LAM in the context of climate change	
MOG # 4: Innovative knowledge management systems (ICT, information network, multi-stakeholder platforms, learning alliances, fora etc) and strategic engagements approaches and partnerships that promote access, co-creation, capacity building, learning, 2 ways sharing and dissemination of CSA information and tools to farmers, extension services, agro-dealer networks, local governments, private sector, academia etc. (LAM, WA, EA, SA, SEA)	
Main Type: Reports, Reference Materials and Other Papers	Sub Type: Policy briefs - Briefing paper
Year of expected completion: 2015	
Status: On-going	Justification for cancelling the deliverable: The document is being edited, however you need to submit to peer review.
Next-user	
Producer associations, scientific community	

Submitted on 2016-03-04 at 02:41 UTC

Knowledge, attitude, skills and practice changes expected in next-user: This output will be used as an input to develop strategies to know how extension services address climate change strategies in the region. This will be useful to identify limitations to address gaps and through Tolima and Tuma La Dalia work strategies will be developed to address the gaps.

Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Field visits, interviews to key stakeholders in order to gather as much information as possible to elaborate a robust diagnostic of the current state of extension services in the region.

Partners contributing to this deliverable

Partner #1 (Responsible): Jimenez, Daniel <d.jimenez@cgiar.org>, CIAT - Centro Internacional de Agricultura Tropical

Deliverable Ranking

Address gender and social inclusion aspect	2
Potential for/ actual contribution to outcomes	3
Level of shared ownership (partnerships across org.)	1
What is your personal perspective of the importance of this product	3

Deliverable dissemination

Open access restriction: <Not defined>

License adopted: <Not defined>

Dissemination Channel: -1

Dissemination URL: [<Not defined>](#)

Deliverable Metadata

Description: <Not defined>

Creator / Authors: <Not defined>

Author Identifier: <Not defined>

Publication / Creation date: <Not defined>

Language: <Not defined>

Coverage: <Not defined>

Deliverable Data sharing

Deliverable files

<Not defined>

Submitted on 2016-03-04 at 02:41 UTC

Deliverable #6

Main Information	
Title: Pilots identification and scalability strategies to strengthen extension services.	
MOG # 4: Innovative knowledge management systems (ICT, information network, multi-stakeholder platforms, learning alliances, fora etc) and strategic engagements approaches and partnerships that promote access, co-creation, capacity building, learning, 2 ways sharing and dissemination of CSA information and tools to farmers, extension services, agro-dealer networks, local governments, private sector, academia etc. (LAM, WA, EA, SA, SEA)	
Main Type: Reports, Reference Materials and Other Papers	Sub Type: Reference material
Year of expected completion: 2015	
Status: On-going	Justification for cancelling the deliverable: The pilot was defined and set, about 24 families are benefiting.

Next-user
Producer associations in Nicaragua and Colombia
Knowledge, attitude, skills and practice changes expected in next-user: Based on the diagnostic, analysis and other inputs preliminary strategies will be developed addressing their needs and main gaps in the extension system in their countries.
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Involvement and engagement in the process of identification and development of strategies.

Partners contributing to this deliverable
Partner #1 (Responsible): Jimenez, Daniel <d.jimenez@cgiar.org>, CIAT - Centro Internacional de Agricultura Tropical

Deliverable Ranking	
Address gender and social inclusion aspect	4
Potential for/ actual contribution to outcomes	3
Level of shared ownership (partnerships across org.)	2
What is your personal perspective of the importance of this product	3

Deliverable dissemination
Open access restriction: <Not defined>

Submitted on 2016-03-04 at 02:41 UTC

License adopted: <Not defined>
Dissemination Channel: -1
Dissemination URL: <Not defined>

Deliverable Metadata
Description: <Not defined>
Creator / Authors: <Not defined>
Author Identifier: <Not defined>
Publication / Creation date: <Not defined>
Language: <Not defined>
Coverage: <Not defined>

Deliverable Data sharing
Deliverable files <Not defined>

Deliverable #7

Main Information	
Title: Tailored training and implementation materials for index insurance- SNIID	
MOG # 3: Weather related Insurance products are designed, tested, and brought to scale with implementing partners	
Main Type: Tools and Computer Software	Sub Type: Tools
Year of expected completion: 2016	
Status: On-going	Justification for cancelling the deliverable: Zamorano has participated in tailoring research games to the Honduras context, for both educational and research purposes. Dry-run experimental games were conducted with Zamorano in the field to test the prototype product and gather feedback to adjust the product.

Next-user
SAG, Zamorano

Submitted on 2016-03-04 at 02:41 UTC

Knowledge, attitude, skills and practice changes expected in next-user: Participation in the tailoring process of materials and tools, such as interactive exercises, games, computer software to generate an index insurance program in a regional context. They are expected to facilitate such process and carry it out in order to scale from a pilot product to a sustainable commercial product.

Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: They will adopt the Social Network for Index Insurance Design, as the process to generate tailored materials and index insurance design to the country's context. This climate-informed tool will ensure engagement of all stakeholders throughout the whole process, allowing end-user and partner feedback to be incorporated into the final product.

Partners contributing to this deliverable

Partner #1 (Responsible): Osgood, Daniel <deo@iri.columbia.edu>, Columbia University

Deliverable Ranking

Address gender and social inclusion aspect	4
Potential for/ actual contribution to outcomes	5
Level of shared ownership (partnerships across org.)	4
What is your personal perspective of the importance of this product	4

Deliverable dissemination

Open access restriction: Yes

License adopted: <Not defined>

Dissemination Channel: -1

Dissemination URL: [<Not defined>](#)

Deliverable Metadata

Description: Zamorano helped tailor educational games and design experimental research activities in Honduras. Some material gathered in the field contains confidential information, but educational games and research manuscripts are open access, insofar IRI is informed of the potential use of these materials.

Creator / Authors: Katya Vasilaky, Sofia Martinez, Arie Sanders

Author Identifier: <Not defined>

Publication / Creation date: <Not defined>

Language: en, es

Coverage: El Paraiso Department, Honduras

Deliverable Data sharing

Submitted on 2016-03-04 at 02:41 UTC

<https://cloud.iri.columbia.edu/index.php/s/GW8Tvm7DcfEbZII>
<https://cloud.iri.columbia.edu/index.php/s/Z9aFILCgXBqlqr2>
<https://cloud.iri.columbia.edu/index.php/s/a3Hm4eOrJINO4u6>

<https://cloud.iri.columbia.edu/index.php/s/xrNUmOC04qb6lc1>

<https://cloud.iri.columbia.edu/index.php/s/BYBa9W6T3AQLbJT>

<https://cloud.iri.columbia.edu/index.php/s/8aPv5vxV3oNKzXc>

<https://cloud.iri.columbia.edu/index.php/s/BelCUNX9iyF7FA>

Deliverable #8

Main Information	
Title: Data on emission factors from urine and manure patches in grazing pastures (livestock systems) fields	
MOG # 1: Methods and data for quantifying low-emissions agriculture options appropriate to smallholder farmers	
Main Type: Data and information outputs, including datasets, databases and models	Sub Type: Data
Year of expected completion: 2015	
Status: On-going	Justification for cancelling the deliverable: Data collection is being finalized in Argentina. PhD students from the other countries (Colombia, Nicaragua, Brazil, Trinidad and Tobago) have shipped their samples to Colombia and the quantification of greenhouse gas concentrations in vials is being finalized at the CIAT greenhouse gas laboratory.

Next-user
scientific community and policy makers
Knowledge, attitude, skills and practice changes expected in next-user: Emission factors could inform the change from using tier 1 to tier 2 and movement towards improving models that could be used for tier 3.

Submitted on 2016-03-04 at 02:41 UTC

Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: six students will conduct measurements livestock systems. The generated data will be published in peer-reviewed journals for use by the scientific community.

Partners contributing to this deliverable

Partner #1 (Responsible): Chirinda, Ngonidzashe <n.chirinda@cgiar.org>, CIAT - Centro Internacional de Agricultura Tropical

Deliverable Ranking

Address gender and social inclusion aspect	5
Potential for/ actual contribution to outcomes	4
Level of shared ownership (partnerships across org.)	5
What is your personal perspective of the importance of this product	5

Deliverable dissemination

Open access restriction: Yes

License adopted: <Not defined>

Dissemination Channel: -1

Dissemination URL: [<Not defined>](#)

Deliverable Metadata

Description: <Not defined>

Creator / Authors: <Not defined>

Author Identifier: <Not defined>

Publication / Creation date: <Not defined>

Language: <Not defined>

Coverage: <Not defined>

Deliverable Data sharing

Deliverable files

<Not defined>

Deliverable #9

Submitted on 2016-03-04 at 02:41 UTC

Main Information	
Title: A regional scientific network on GHG emissions will be established	
MOG # 1: Methods and data for quantifying low-emissions agriculture options appropriate to smallholder farmers	
Main Type: Reports, Reference Materials and Other Papers	Sub Type: Research report
Year of expected completion: 2015	
Status: Complete	

Next-user
Postgraduate students
Knowledge, attitude, skills and practice changes expected in next-user: Understanding of GHG emission research and new information
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: The network have a facebook page, a website, and a mailing list to enable sharing of information that will encourage next users to utilize deliverables and also share new information on latest GHG research.

Partners contributing to this deliverable
Partner #1 (Responsible): Chirinda, Ngonidzashe <n.chirinda@cgiar.org>, CIAT - Centro Internacional de Agricultura Tropical

Deliverable Ranking	
Address gender and social inclusion aspect	5
Potential for/ actual contribution to outcomes	4
Level of shared ownership (partnerships across org.)	5
What is your personal perspective of the importance of this product	5

Deliverable dissemination
Open access restriction: Yes
License adopted: <Not defined>
Dissemination Channel: other
Dissemination URL: http://ciatblogs.cgiar.org/suelos/2015/09/24/cambio-climatico-sistemas-productivos-y-suelos-temas-tratados-una-escuela-de-verano-diferente/

Deliverable Metadata

Submitted on 2016-03-04 at 02:41 UTC

Description: Workshop report
Creator / Authors: Andrea Carvajal
Author Identifier: <Not defined>
Publication / Creation date: 24 September 2016
Language: spanish
Coverage: Latin America

Deliverable Data sharing

Deliverable files
<Not defined>

Deliverable #10

Main Information

Title: Peer-reviewed research articles on GHG emissions from urine and manure patches fields in Latin America	
MOG # 1: Methods and data for quantifying low-emissions agriculture options appropriate to smallholder farmers	
Main Type: Peer reviewed Publications	Sub Type: Peer-reviewed journal articles
Year of expected completion: 2015	
Status: Extended	Justification for cancelling the deliverable: We are still finalizing data collection and analysis

Next-user

scientific community and general public
Knowledge, attitude, skills and practice changes expected in next-user: New knowledge on emission factors from livestock and paddy-rice systems
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: The articles will be published in open access peer-reviewed journals that will accessible to the scientific community and general internet users

Partners contributing to this deliverable

Partner #1 (Responsible): Chirinda, Ngonidashe <n.chirinda@cgiar.org>, CIAT - Centro Internacional de Agricultura Tropical

Submitted on 2016-03-04 at 02:41 UTC

Deliverable Ranking	
Address gender and social inclusion aspect	5
Potential for/ actual contribution to outcomes	4
Level of shared ownership (partnerships across org.)	5
What is your personal perspective of the importance of this product	5

Deliverable dissemination
Open access restriction: Yes
License adopted: <Not defined>
Dissemination Channel: -1
Dissemination URL: <Not defined>

Deliverable Metadata
Description: <Not defined>
Creator / Authors: <Not defined>
Author Identifier: <Not defined>
Publication / Creation date: <Not defined>
Language: <Not defined>
Coverage: <Not defined>

Deliverable Data sharing
Deliverable files <Not defined>

Deliverable #11

Main Information	
Title: Simulating stakeholder-driven food and climate scenarios for policy development in Africa, Asia and Latin America	
MOG # 1: Improved national planning processes through policy analyses, (re)formulation and implementation; and stakeholder analyses and engagement through scenarios, learning alliances and science-policy dialogues	
Main Type: Peer reviewed Publications	Sub Type: Peer-reviewed journal articles
Year of expected completion: 2015	

Submitted on 2016-03-04 at 02:41 UTC

Status: Complete**Next-user**

Science community in LAM and around science-policy links

Knowledge, attitude, skills and practice changes expected in next-user: Knowledge about key strategic issues for CSA and food systems in Andes and Central America; knowledge about effective policy-oriented scenario planning (combining scenarios and back-casting methods).**Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes:** A blog story around each paper; making the papers open access, sharing widely on networks (Oxford, CCAFS, IIASA, UCI, etc.)**Partners contributing to this deliverable****Partner #1 (Responsible):** Veeger, Marieke <mveeger@uci.ac.cr>, UCI - Universidad para la Cooperación Internacional**Deliverable Ranking**

Address gender and social inclusion aspect	3
Potential for/ actual contribution to outcomes	4
Level of shared ownership (partnerships across org.)	5
What is your personal perspective of the importance of this product	5

Deliverable dissemination**Open access restriction:** Yes**License adopted:** <Not defined>**Dissemination Channel:** cgspace**Dissemination URL:** <http://hdl.handle.net/10568/56839>**Deliverable Metadata**

Submitted on 2016-03-04 at 02:41 UTC

Description: The CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS) engaged stakeholders in Africa, Asia and Latin America in the development of regional socioeconomic scenarios for policy development. These scenarios were framed and outlined by regional experts and then quantified using the IMPACT and GLOBIOM models. The scenarios were used in a number of policy design processes at national and regional levels. The model results show that investment in agriculture is essential to close yield gaps needed for growing demand, and that increases in production costs increases these yield gaps. However, even under high agricultural investments, regional production is unlikely to meet regional demand. In many cases, the socio-economic assumptions of the scenarios are more impactful than climate effects on yields. Increased yields can lead to crop area expansion, and the protection and enforcement of forests and biodiversity is essential, especially with increased investment in agriculture. The CCAFS scenarios process show the need to combine socio-economic and climate scenarios, to base these scenarios in regional expertise, and ways to make scenarios useful for policy design.

Creator / Authors: Palazzo A, Vervoort J, Havlik P, Mason-D’Croz D, Islam S.

Author Identifier: <Not defined>

Publication / Creation date: 30/12/2014

Language: English

Coverage: Global

Deliverable Data sharing

Deliverable files

<Not defined>

Deliverable #12

Main Information

Title: Case study on the 2014 scenario guided development of the Honduras

MOG # 1: Improved national planning processes through policy analyses, (re)formulation and implementation; and stakeholder analyses and engagement through scenarios, learning alliances and science-policy dialogues

Main Type: Reports, Reference Materials and Other Papers

Sub Type: Case Study

Year of expected completion: 2015

Status: Complete

Next-user

Policy makers (in multiple ministries and sectors, including NGOs, private, donors) in target countries as well as broader LAM region

Submitted on 2016-03-04 at 02:41 UTC

Knowledge, attitude, skills and practice changes expected in next-user: An easy access to the key insights from the 2 LAM scenarios processes and their policy impacts; interest in using scenarios methodology and outputs for policy guidance; links to more in-depth information. They will include descriptions of the entire policy guidance process beyond workshops (daily engagement with the policy writers).

Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Blogs supporting the policy briefs; wide dispersal through LAM networks and through networks of partner organizations; supported by videos on LAM scenarios processes that have been created in 2014. Responses to policy briefs will be tracked and documented.

Partners contributing to this deliverable

Partner #1 (Responsible): Veeger, Marieke <mveeger@uci.ac.cr>, UCI - Universidad para la Cooperación Internacional

Deliverable Ranking

Address gender and social inclusion aspect	3
Potential for/ actual contribution to outcomes	5
Level of shared ownership (partnerships across org.)	5
What is your personal perspective of the importance of this product	5

Deliverable dissemination

Open access restriction: Yes

License adopted: <Not defined>

Dissemination Channel: -1

Dissemination URL: [<Not defined>](#)

Deliverable Metadata

Description: Case study on the 2014 scenario guided development of the Honduras Agriculture and Livestock Climate Change Adaptation and Risk Management Strategy was written up in February 2015.

Creator / Authors: Veeger M.

Author Identifier: <Not defined>

Publication / Creation date: 2015

Language: English

Coverage: Honduras

Submitted on 2016-03-04 at 02:41 UTC

Deliverable Data sharing
Honduras case study_SAG 2014_UCI.pdf

Deliverable #13

Main Information	
Title: 6 blogs documenting policy guidance processes; research papers; and tool/methods guide	
MOG # 1: Improved national planning processes through policy analyses, (re)formulation and implementation; and stakeholder analyses and engagement through scenarios, learning alliances and science-policy dialogues	
Main Type: Communication Products and Multimedia	Sub Type: Articles for media or news
Year of expected completion: 2015	
Status: Complete	

Next-user
Decision makers in CSA-relevant sectors; researchers
Knowledge, attitude, skills and practice changes expected in next-user: Easy access to understanding of how policy guidance can be done using scenarios, and key insights from the regional scenarios. Links to more in-depth results and information on the processes.
6 blogs: 2 accompany policy briefs on policy guidance processes; 2 to accompany research papers; 2 to accompany tool/methods guide
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: These blogs are linked to policy briefs and research papers; videos produced in 2014 will be linked as well. Wide dispersal through policy and science networks.

Partners contributing to this deliverable
Partner #1 (Responsible): Veeger, Marieke <mveeger@uci.ac.cr>, UCI - Universidad para la Cooperación Internacional

Deliverable Ranking	
Address gender and social inclusion aspect	2
Potential for/ actual contribution to outcomes	4
Level of shared ownership (partnerships across org.)	4
What is your personal perspective of the importance of this product	4

Submitted on 2016-03-04 at 02:41 UTC

Deliverable dissemination

Open access restriction: Yes

License adopted: <Not defined>

Dissemination Channel: other

Dissemination URL: <https://plus.google.com/collection/wQYiPB>

Deliverable Metadata

Submitted on 2016-03-04 at 02:41 UTC

Description: - A total of 12 blogs and 6 videos were written on scenario processes to guide policymaking in Central America and the Andes. These news items were reproduced in at least 19 other media platforms, including UCI's website and mayor agriculture news sites such as Proagro and IAgua. Unless mentioned otherwise, all blogs were published in English and Spanish.

- Of these 11 blogs, 2 blogs were written to accompany a policy brief, 1 blog to accompany a paper, 1 opinion article to share learnings of scenario guided policy work at local, regional and national levels and the rest to inform about scenario exercises on national and regional level:

1. "Escenarios Futuros: una herramienta clave para el desarrollo de la INDC de Costa Rica" by Marieke Veeger (2015). CCAFS. <https://ccafs.cgiar.org/es/news/escenarios-futuros-una-herramienta-clave-para-el-desarrollo-de-la-indc-de-costa-rica#.Vs4dHPkrlgt>

2. Blog of workshop to create the scenarios for Central America: En qué debe trabajar Centroamérica hacia 2050? (Revista Mercados y Tendencias)

3. Blog of workshop to create the scenarios for Central America, published by UCI: "Taller CCAFS- UCI: "Escenarios Futuros para la Seguridad Alimentaria y Ambiente en Centroamérica"

4. Blog on workshop to create future scenarios for the Andes region. Hananta Yuyaspa - a new day and start - for the Andean countries , by Manon Koningstein (CIAT)

5. An opinion article was written by Cecilia Schubert, Marieke Veeger and Jose Luis Urea and published by CCAFS: " Central America can fight back against climate change by envisioning its future today" Proagro and IAgua also published the article.

6. Blog about paper on quantification of the regional scenarios in three regions, including Latin America: "Back to the future: using scenarios to road-test the policies of tomorrow" by Amanda Palazzo (IIASA)

7. Blog scenario workshop to analyze policies of Andes countries, supported by UNEP-WCMC: "Andean countries join forces to strengthen policies in the face of future scenarios" by Joost Vervoort and Elisabeth van de Grift

8. Blog on scenario workshop in Honduras to test and improve national climate change strategy for agriculture and livestock: "Helping Honduras build a more robust climate adaptation strategy for the agriculture sector" by Cecilia Schubert

9. Blog to announce scenario exercise with ACICAFOC and SAG in Honduras: "Taller: cambio climático y escenarios socioeconómicos para guiar planes de adaptación de pequeños productores" by Jose Luis Urea (only in Spanish)

10. Blog about scenario exercise with cacao producers from Central America (ACICAFOC) and SAG in Honduras: "Cocoa farmers in Central America learn to plan for a more variable climate" by Jose Luis Urea

11. Blog about Costa Rica's scenario guided Intended National Determined Contribution (INDC): "Escenarios futuros para guiar la contribución prevista determinada de Costa Rica"

12. WRI published a blog about a scenario workshop in the Trifinio facilitated by CCAFS and UCI: "Intelligent ideas: scenarios to manage water as climate changes in Guatemala" by Moushumi Chaudhury. The blog was republished by CCAFS.

13. UCI also gave 2 webinars on the scenarios program and methodology for PMI's Global Sustainability Community Practice and 2 webinars for UCI's Global School of Project Management: 731 participants in total

14. UCI gave a presentation to 34 decision makers of ministries of agriculture and planning of 7 countries in Latin America of scenario program in CCAFS LAM COP20 side event "Tools and Methods for Planning and Decision making in Climate Change and Agriculture.

The slideshow has been viewed on Slideshare 608 times.

- 6 videos were made to illustrate scenario development and cases of scenario guided policymaking
 - o Video on development of Central America scenarios <https://www.youtube.com/watch?v=cXPGIc1lrww>
 - o Video on development of Andes scenarios <https://www.youtube.com/watch?v=JyzKY2dbR4I>
 - o Video on scenario use to guide 4 agriculture policies in the Andes <https://www.youtube.com/watch?v=EQKIWRa9zkM&index=5&list=PLmATng7IKk6Uv5oVJfgDsGWyIO6CD CmSV>
 - o Video on scenario use to guide regional adaptation plans in Honduras <https://www.youtube.com/watch?v=ME3HxZzLoiw>
 - o Video on scenario use to guide Costa Rica's INDC <https://vimeo.com/147130700>

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<ul style="list-style-type: none"> o Video to illustrate scenario use to develop the Honduran "Strategy for risk management and climate change adaptation (2015-2019) for the sector of agriculture and livestock", with statements from key stakeholders from the Ministry of Agriculture (SAG) that confirm the impact the scenario guided recommendations had on the final version of the strategy. https://www.youtube.com/watch?v=rejGKbTFfWs&feature=youtu.be
Creator / Authors: Veeger M.
Author Identifier: <Not defined>
Publication / Creation date: <Not defined>
Language: Spanish and English
Coverage: Latin America

Deliverable Data sharing

Deliverable files <Not defined>

Deliverable #14

Main Information	
Title: Regionally contextualised/translated version of OLDFAR (working title) scenario development tool	
MOG # 1: Improved national planning processes through policy analyses, (re)formulation and implementation; and stakeholder analyses and engagement through scenarios, learning alliances and science-policy dialogues	
Main Type: Tools and Computer Software	Sub Type: Tools
Year of expected completion: 2015	
Status: Extended	Justification for cancelling the deliverable: A simplified online version of Oldfar (in English) is currently developed and expected to be finished in April 2016. We hope to have a Spanish version online in May.

Next-user

Users seeking to develop scenarios in governments, private sector, academia and civil society
Knowledge, attitude, skills and practice changes expected in next-user: An ability to identify key future drivers of change for a given project scope and use them to generate diverse, multi-driver scenarios; a greater understanding of how drivers of change interact to create different futures. Access to examples of use of the tool in LAM.

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Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: A blog and guide accompanying the tool, potentially a step-by-step video; wide dispersal among regional networks (UCI, CCAFS, IICA) as well as global networks (OXFORD, CCAFS, IIASA, FAO etc.)

Partners contributing to this deliverable

Partner #1 (Responsible): Veeger, Marieke <mveeger@uci.ac.cr>, UCI - Universidad para la Cooperación Internacional

Deliverable Ranking

Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination

Open access restriction: <Not defined>

License adopted: <Not defined>

Dissemination Channel: -1

Dissemination URL: [<Not defined>](#)

Deliverable Metadata

Description: <Not defined>

Creator / Authors: <Not defined>

Author Identifier: <Not defined>

Publication / Creation date: <Not defined>

Language: <Not defined>

Coverage: <Not defined>

Deliverable Data sharing

Deliverable files

<Not defined>

Deliverable #15

Submitted on 2016-03-04 at 02:41 UTC

Main Information	
Title: A regionally contextualized/translated scenario development and use methodology guide	
MOG # 1: Improved national planning processes through policy analyses, (re)formulation and implementation; and stakeholder analyses and engagement through scenarios, learning alliances and science-policy dialogues	
Main Type: Reports, Reference Materials and Other Papers	Sub Type: Reference material
Year of expected completion: 2015	
Status: Extended	Justification for cancelling the deliverable: A draft version of a Spanish methodology guide for scenario development and use for policy guidance is finished (attached). Remaining are the introduction and layout of the document. 80% of advance.

Next-user
Planners and researchers in governments, civil society, academia, private sector in LAM countries
Knowledge, attitude, skills and practice changes expected in next-user: A comprehensive understanding of how to develop scenarios and how they can be used to test and develop plans, policies and investments. I.
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: A blog accompanying the guide; a methods video; wide dissemination across regional networks. Support from the scenarios team to help with questions and decisions around the use of scenarios in LAM; invitation to report back on use and suggest improvements to the guide materia

Partners contributing to this deliverable
Partner #1 (Responsible): Veeger, Marieke <mveeger@uci.ac.cr>, UCI - Universidad para la Cooperación Internacional

Deliverable Ranking	
Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination
Open access restriction: <Not defined>
License adopted: <Not defined>

Submitted on 2016-03-04 at 02:41 UTC

Dissemination Channel: -1
Dissemination URL: <Not defined>

Deliverable Metadata
Description: <Not defined>
Creator / Authors: <Not defined>
Author Identifier: <Not defined>
Publication / Creation date: <Not defined>
Language: <Not defined>
Coverage: <Not defined>

Deliverable Data sharing
Deliverable files <Not defined>

Deliverable #16

Main Information	
Title: Commercial Pilot and Scoping for Scaling an Index Insurance Product	
MOG # 3: Weather related Insurance products are designed, tested, and brought to scale with implementing partners	
Main Type: Workshops	Sub Type: Workshop
Year of expected completion: 2016	
Status: On-going	Justification for cancelling the deliverable: Discussions are ongoing with potential insurance stakeholders and delivery channels (or service providers) to determine the structure of the commercial pilot product that would be implemented in 2016, several stakeholders have been identified and expressed interest. Additionally, through discussions with public organizations and delivery channels the initiative has started to identify scaling opportunities, to other regions and additional crops.

Next-user
SAG, Zamorano, Seguros Atlántida, farmer associations

Submitted on 2016-03-04 at 02:41 UTC

Knowledge, attitude, skills and practice changes expected in next-user: Next-user will develop capacity to support commercialization of index insurance product, working with different kinds of stakeholders to develop a product that is useful and can responsibly scale.

Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Facilitating and supporting discussions, through knowledge sharing, between project stakeholders to define product packaging, planning, materials and data support for commercializing pilot product and supporting the scoping process for scaling index insurance.

Partners contributing to this deliverable

Partner #1 (Responsible): Osgood, Daniel <deo@iri.columbia.edu>, Columbia University

Deliverable Ranking

Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination

Open access restriction: <Not defined>
License adopted: <Not defined>
Dissemination Channel: -1
Dissemination URL: <Not defined>

Deliverable Metadata

Description: <Not defined>
Creator / Authors: <Not defined>
Author Identifier: <Not defined>
Publication / Creation date: <Not defined>
Language: <Not defined>
Coverage: <Not defined>

Deliverable Data sharing

Deliverable files
<Not defined>

Submitted on 2016-03-04 at 02:41 UTC

Deliverable #17

Main Information	
Title: Enhanced climate and agriculture information bulletins for informing climate risk management decisions	
MOG # 2: New knowledge, capacity, and tools supporting the provision of equitable climate services for farmers are developed	
Main Type: Workshops	Sub Type: Workshop
Year of expected completion: 2016	
Status: On-going	Justification for cancelling the deliverable: Most recently the IRI team has been discussing, through previous relationships with SAG, the connection to climate information efforts ongoing in COPECO and have collaboratively defined a working pathway to support the development of climate services. SAG and COPECO will be leading an agroclimatic observatory, which would include and serve as a third-party index calculation agency responsible of providing clear and accurate information to both the private sector insurance providers and farmers themselves.

Next-user
SAG, Zamorano, farmer associations, SMNH
Knowledge, attitude, skills and practice changes expected in next-user: Next-user will develop capacity to inform climate risk management decisions and is expected to implement new tools for information dissemination.
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Facilitating and supporting discussions to design innovating and informative climate and agriculture bulletins for informing climate risk management decisions, such as using index insurance as a risk transfer mechanism.

Partners contributing to this deliverable
Partner #1 (Responsible): Osgood, Daniel <deo@iri.columbia.edu>, Columbia University

Deliverable Ranking	
Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>

Submitted on 2016-03-04 at 02:41 UTC

What is your personal perspective of the importance of this product	<Not defined>
Deliverable dissemination	
Open access restriction:	<Not defined>
License adopted:	<Not defined>
Dissemination Channel:	-1
Dissemination URL:	<Not defined>
Deliverable Metadata	
Description:	<Not defined>
Creator / Authors:	<Not defined>
Author Identifier:	<Not defined>
Publication / Creation date:	<Not defined>
Language:	<Not defined>
Coverage:	<Not defined>
Deliverable Data sharing	
Deliverable files	<Not defined>

Deliverable #18

Main Information	
Title: Portfolio of climate smart technologies prioritized by indigenous communities in Tolima, Colombia.	
MOG # 1: Context specific (targeted) suitable CSA options and portfolios that build on traditional knowledge, meet the needs of farmers and enhance productivity, adaptive capacity, food security and social equity (LAM, WA, EA, SA, SEA)	
Main Type: Reports, Reference Materials and Other Papers	Sub Type: Case Study
Year of expected completion: 2016	
Status: <Not defined>	
Next-user	
Association of indigenous community in Tolima	

Submitted on 2016-03-04 at 02:41 UTC

Knowledge, attitude, skills and practice changes expected in next-user: The communities will prioritize their technological options and practices considering changes in climate to improve food security and income increase.

Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Participatory approach to identify, prioritize and select climate-smart technologies and practices, knowledge sharing with Cauca CSV.

Partners contributing to this deliverable

Partner #1 (Responsible): Jimenez, Daniel <d.jimenez@cgiar.org>, CIAT - Centro Internacional de Agricultura Tropical

Deliverable Ranking

Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination

Open access restriction: <Not defined>

License adopted: <Not defined>

Dissemination Channel: <Not defined>

Dissemination URL: [<Not defined>](#)

Deliverable Metadata

Description: <Not defined>

Creator / Authors: <Not defined>

Author Identifier: <Not defined>

Publication / Creation date: <Not defined>

Language: <Not defined>

Coverage: <Not defined>

Deliverable Data sharing

Deliverable files

<Not defined>

Submitted on 2016-03-04 at 02:41 UTC

Deliverable #19

Main Information	
Title: Implementation of women association project approved by IFAD	
MOG # 4: Innovative knowledge management systems (ICT, information network, multi-stakeholder platforms, learning alliances, fora etc) and strategic engagements approaches and partnerships that promote access, co-creation, capacity building, learning, 2 ways sharing and dissemination of CSA information and tools to farmers, extension services, agro-dealer networks, local governments, private sector, academia etc. (LAM, WA, EA, SA, SEA)	
Main Type: Capacity	Sub Type: Capacity
Year of expected completion: 2016	
Status: <Not defined>	

Next-user
ASFUMUJER Women Association in Tolima
Knowledge, attitude, skills and practice changes expected in next-user: The association will build and strengthen capacity and skills to implement projects to implement activities that will improve their adaptive capacity to climate changes.
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Support to the committees of the association on execution stages of the project, workshops to develop the skills and provision of basic tools to monitor and follow up the project implementation.

Partners contributing to this deliverable
Partner #1 (Responsible): Jimenez, Daniel <d.jimenez@cgiar.org>, CIAT - Centro Internacional de Agricultura Tropical

Deliverable Ranking	
Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination
Open access restriction: <Not defined>
License adopted: <Not defined>
Dissemination Channel: <Not defined>

Submitted on 2016-03-04 at 02:41 UTC

Dissemination URL: [<Not defined>](#)**Deliverable Metadata****Description:** <Not defined>**Creator / Authors:** <Not defined>**Author Identifier:** <Not defined>**Publication / Creation date:** <Not defined>**Language:** <Not defined>**Coverage:** <Not defined>**Deliverable Data sharing****Deliverable files**
<Not defined>**Deliverable #20****Main Information****Title:** Local stakeholder platform to support communities in Tuma La Dalia and Natagaima**MOG # 4:** Innovative knowledge management systems (ICT, information network, multi-stakeholder platforms, learning alliances, fora etc) and strategic engagements approaches and partnerships that promote access, co-creation, capacity building, learning, 2 ways sharing and dissemination of CSA information and tools to farmers, extension services, agro-dealer networks, local governments, private sector, academia etc. (LAM, WA, EA, SA, SEA)**Main Type:** Reports, Reference Materials and Other Papers**Sub Type:** Case Study**Year of expected completion:** 2016**Status:** <Not defined>**Next-user**

Tuma La Dalia and Natagaima communities

Knowledge, attitude, skills and practice changes expected in next-user: These communities will be able to engage with local stakeholder to align their actions to support adaptation processes in their territories.**Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes:** Meetings, workshops, continuous dialogue with local stakeholders in order to share the process of building adaptive capacity in Tuma La Dalia and Natagaima communities.

Submitted on 2016-03-04 at 02:41 UTC

Partners contributing to this deliverable

Partner #1 (Responsible): Jimenez, Daniel <d.jimenez@cgiar.org>, CIAT - Centro Internacional de Agricultura Tropical

Deliverable Ranking

Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination

Open access restriction: <Not defined>
License adopted: <Not defined>
Dissemination Channel: <Not defined>
Dissemination URL: <Not defined>

Deliverable Metadata

Description: <Not defined>
Creator / Authors: <Not defined>
Author Identifier: <Not defined>
Publication / Creation date: <Not defined>
Language: <Not defined>
Coverage: <Not defined>

Deliverable Data sharing

Deliverable files <Not defined>

Deliverable #21

Main Information

Title: Diagnostic of extension services mechanisms in Tuma La Dalia CSV.

Submitted on 2016-03-04 at 02:41 UTC

MOG # 4: Innovative knowledge management systems (ICT, information network, multi-stakeholder platforms, learning alliances, fora etc) and strategic engagements approaches and partnerships that promote access, co-creation, capacity building, learning, 2 ways sharing and dissemination of CSA information and tools to farmers, extension services, agro-dealer networks, local governments, private sector, academia etc. (LAM, WA, EA, SA, SEA)	
Main Type: Reports, Reference Materials and Other Papers	Sub Type: Working paper
Year of expected completion: 2016	
Status: <Not defined>	

Next-user
Tuma La Dalia CSV communities
Knowledge, attitude, skills and practice changes expected in next-user: Communities at Tuma La Dalia CSV will be able to identify and know their extension services mechanisms including their limitations in order to determine ways to improve them.
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Mapping analysis through observation and participatory tools and dialogue with the communities and local stakeholders and partners such as CATIE.

Partners contributing to this deliverable
Partner #1 (Responsible): Jimenez, Daniel <d.jimenez@cgiar.org>, CIAT - Centro Internacional de Agricultura Tropical

Deliverable Ranking	
Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination
Open access restriction: <Not defined>
License adopted: <Not defined>
Dissemination Channel: <Not defined>
Dissemination URL: <Not defined>

Deliverable Metadata
Description: <Not defined>

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Creator / Authors: <Not defined>
Author Identifier: <Not defined>
Publication / Creation date: <Not defined>
Language: <Not defined>
Coverage: <Not defined>

Deliverable Data sharing

Deliverable files
<Not defined>

Deliverable #22

Main Information

Title: Implementation of action plan to support extension services mechanisms in Tuma La Dalia CSV.

MOG # 1: Context specific (targeted) suitable CSA options and portfolios that build on traditional knowledge, meet the needs of farmers and enhance productivity, adaptive capacity, food security and social equity (LAM, WA, EA, SA, SEA)

Main Type: Reports, Reference Materials and Other Papers

Sub Type: Research report

Year of expected completion: 2016

Status: <Not defined>

Next-user

CATIE, Tuma La Dalia CSV communities.

Knowledge, attitude, skills and practice changes expected in next-user: Jointly with CATIE and CSV communities action plan will be developed and implemented, process that will allow them to develop skills and knowledge to improve extension services mechanisms.

Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Joint work with CATIE and communities through meetings and workshops.

Partners contributing to this deliverable

Partner #1 (Responsible): Jimenez, Daniel <d.jimenez@cgiar.org>, CIAT - Centro Internacional de Agricultura Tropical

Deliverable Ranking

Submitted on 2016-03-04 at 02:41 UTC

Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination	
Open access restriction:	<Not defined>
License adopted:	<Not defined>
Dissemination Channel:	<Not defined>
Dissemination URL:	<Not defined>

Deliverable Metadata	
Description:	<Not defined>
Creator / Authors:	<Not defined>
Author Identifier:	<Not defined>
Publication / Creation date:	<Not defined>
Language:	<Not defined>
Coverage:	<Not defined>

Deliverable Data sharing	
Deliverable files	<Not defined>

Deliverable #23

Main Information	
Title: Comparison of modelled GHG fluxes from different land use options	
MOG # 1: Methods and data for quantifying low-emissions agriculture options appropriate to smallholder farmers	
Main Type: Reports, Reference Materials and Other Papers	Sub Type: Research report
Year of expected completion: 2016	

Submitted on 2016-03-04 at 02:41 UTC

Status: On-going	Justification for cancelling the deliverable: We are currently going through information generated through farm surveys conducted in the climate smart villages in Colombia and Nicaragua
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Next-user
National scientific community in Nicaragua and Colombia
Knowledge, attitude, skills and practice changes expected in next-user: Improved knowledge on GHG fluxes in specific contexts and characteristics.
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Joint development of the comparison analysis with local young scientists.

Partners contributing to this deliverable
Partner #1 (Responsible): Chirinda, Ngonidzashe <n.chirinda@cgiar.org>, CIAT - Centro Internacional de Agricultura Tropical

Deliverable Ranking	
Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination
Open access restriction: <Not defined>
License adopted: <Not defined>
Dissemination Channel: -1
Dissemination URL: <Not defined>

Deliverable Metadata
Description: <Not defined>
Creator / Authors: <Not defined>
Author Identifier: <Not defined>
Publication / Creation date: <Not defined>
Language: <Not defined>
Coverage: <Not defined>

Submitted on 2016-03-04 at 02:41 UTC

Deliverable Data sharing

Deliverable files
<Not defined>

Deliverable #24

Main Information

Title: Data on carbon stocks and GHG emissions from selected farms in the LAM CSVs	
MOG # 1: Methods and data for quantifying low-emissions agriculture options appropriate to smallholder farmers	
Main Type: Data and information outputs, including datasets, databases and models	Sub Type: Data
Year of expected completion: 2016	
Status: On-going	Justification for cancelling the deliverable: Farm selecting is currently in progress.

Next-user

National scientific community in Nicaragua and Colombia
Knowledge, attitude, skills and practice changes expected in next-user: Improved knowledge on carbon stocks and GHG emissions in specific contexts and characteristics.
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Implementation of Samples approach to measure GHG emissions in prioritized crops in CSVs with local young scientists.

Partners contributing to this deliverable

Partner #1 (Responsible): Chirinda, Ngonidzashe <n.chirinda@cgiar.org>, CIAT - Centro Internacional de Agricultura Tropical

Deliverable Ranking

Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination

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Open access restriction: <Not defined>
License adopted: <Not defined>
Dissemination Channel: -1
Dissemination URL: <Not defined>

Deliverable Metadata

Description: <Not defined>
Creator / Authors: <Not defined>
Author Identifier: <Not defined>
Publication / Creation date: <Not defined>
Language: <Not defined>
Coverage: <Not defined>

Deliverable Data sharing

Deliverable files <Not defined>

Deliverable #25

Main Information

Title: Validation of selected mechanistic models using data from hotspots of GHG emissions	
MOG # 1: Methods and data for quantifying low-emissions agriculture options appropriate to smallholder farmers	
Main Type: Peer reviewed Publications	Sub Type: Peer-reviewed journal articles
Year of expected completion: 2016	
Status: On-going	Justification for cancelling the deliverable: Data from the LAMNET PhD students will be used to validate the DNDC model

Next-user

Regional scientific community
Knowledge, attitude, skills and practice changes expected in next-user: Improved knowledge on validation of selected mechanistic model using GHG emissions data from urine patches

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Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Validation of models with LAMNET students. Generated information will be shared through region-wide webinars

Partners contributing to this deliverable

Partner #1 (Responsible): Chirinda, Ngonidzashe <n.chirinda@cgiar.org>, CIAT - Centro Internacional de Agricultura Tropical

Deliverable Ranking

Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination

Open access restriction: <Not defined>
License adopted: <Not defined>
Dissemination Channel: -1
Dissemination URL: <Not defined>

Deliverable Metadata

Description: <Not defined>
Creator / Authors: <Not defined>
Author Identifier: <Not defined>
Publication / Creation date: <Not defined>
Language: <Not defined>
Coverage: <Not defined>

Deliverable Data sharing

Deliverable files
<Not defined>

Deliverable #26

Submitted on 2016-03-04 at 02:41 UTC

Main Information	
Title: Impact of climate mitigation and adaptation strategies on GHG emissions and soil quality	
MOG # 3: Incentives and innovations for scale-up of low-emissions practices and avoided deforestation by agricultural commodities	
Main Type: Peer reviewed Publications	Sub Type: Peer-reviewed journal articles
Year of expected completion: 2016	
Status: On-going	Justification for cancelling the deliverable: Farm selection is in progress.

Next-user
Regional scientific community
Knowledge, attitude, skills and practice changes expected in next-user: Improved knowledge on Impact of climate mitigation and adaptation strategies on GHG emissions and soil quality
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Implementation of analysis to determine Impact of climate mitigation and adaptation strategies on GHG emissions and soil quality with local young scientists.

Partners contributing to this deliverable
Partner #1 (Responsible): Chirinda, Ngonidzashe <n.chirinda@cgiar.org>, CIAT - Centro Internacional de Agricultura Tropical

Deliverable Ranking	
Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination
Open access restriction: <Not defined>
License adopted: <Not defined>
Dissemination Channel: -1
Dissemination URL: <Not defined>

Deliverable Metadata
Description: <Not defined>

Submitted on 2016-03-04 at 02:41 UTC

Creator / Authors: <Not defined>
Author Identifier: <Not defined>
Publication / Creation date: <Not defined>
Language: <Not defined>
Coverage: <Not defined>

Deliverable Data sharing

Deliverable files
<Not defined>

Deliverable #27

Main Information	
Title: Process report or policy brief for 2 scenario guided policy processes	
MOG # 2: Priority setting contextualised with national stakeholders and capacity strengthened to apply outputs in policy formulation; including trade-off analyses, foresight activities, and quantification of regional socio-economic scenarios	
Main Type: Reports, Reference Materials and Other Papers	Sub Type: Policy briefs - Briefing paper
Year of expected completion: 2016	
Status: On-going	Justification for cancelling the deliverable: Starting on 2016

Next-user

Policy formulators from prioritized countries (Tentative countries: El Salvador and Chile).

Knowledge, attitude, skills and practice changes expected in next-user: The policy formulators will be able to review the process of using the socio economic scenarios as an instrument that can lead to make their policies more robust. This will lead to a change in the way how policies are reviewed in the countries.

Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Workshops, follow-up meetings and sharing documents.

Partners contributing to this deliverable

Partner #1 (Responsible): Veeger, Marieke <mveeger@uci.ac.cr>, UCI - Universidad para la Cooperación Internacional

Submitted on 2016-03-04 at 02:41 UTC

Deliverable Ranking	
Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination
Open access restriction: <Not defined>
License adopted: <Not defined>
Dissemination Channel: -1
Dissemination URL: <Not defined>

Deliverable Metadata
Description: <Not defined>
Creator / Authors: <Not defined>
Author Identifier: <Not defined>
Publication / Creation date: <Not defined>
Language: <Not defined>
Coverage: <Not defined>

Deliverable Data sharing
Deliverable files <Not defined>

Deliverable #28

Main Information
Title: Document indicating the scenario training-setup that includes a strategy to convoke and enroll course participants
MOG # 1: Improved national planning processes through policy analyses, (re)formulation and implementation; and stakeholder analyses and engagement through scenarios, learning alliances and science-policy dialogues

Submitted on 2016-03-04 at 02:41 UTC

Main Type: Reports, Reference Materials and Other Papers	Sub Type: Reference material
Year of expected completion: 2016	
Status: On-going	Justification for cancelling the deliverable: Starting on 2016.

Next-user

Identifies groups to train in each country within the national insitutions.

Knowledge, attitude, skills and practice changes expected in next-user: This will enable national institutions to schedule training courses regarding socioeconomic scenarios to build internal capacity to strengthen national policies.

Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Sharing the document with national institutions, receiving feedback, and guide them in the process of capacity building.

Partners contributing to this deliverable

Partner #1 (Responsible): Veeger, Marieke <mveeger@uci.ac.cr>, UCI - Universidad para la Cooperación Internacional

Deliverable Ranking

Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination

Open access restriction: <Not defined>

License adopted: <Not defined>

Dissemination Channel: -1

Dissemination URL: [<Not defined>](#)

Deliverable Metadata

Description: <Not defined>

Creator / Authors: <Not defined>

Author Identifier: <Not defined>

Publication / Creation date: <Not defined>

Submitted on 2016-03-04 at 02:41 UTC

Language: <Not defined>
Coverage: <Not defined>

Deliverable Data sharing

Deliverable files
<Not defined>

Deliverable #29

Main Information

Title: Report detailing delivered funding proposals, including funding for scenario trainings	
MOG # 2: Priority setting contextualised with national stakeholders and capacity strengthened to apply outputs in policy formulation; including trade-off analyses, foresight activities, and quantification of regional socio-economic scenarios	
Main Type: Reports, Reference Materials and Other Papers	Sub Type: Reference material
Year of expected completion: 2016	
Status: On-going	Justification for cancelling the deliverable: Starting in 2016.

Next-user

National institutions of prioritized countries
Knowledge, attitude, skills and practice changes expected in next-user: The fundraising will enable institutions to receive training courses and will allow mainstreaming scenario process in the region
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Submission of several proposals to open calls, meeting with donors, key stakeholders, etc.

Partners contributing to this deliverable

Partner #1 (Responsible): Veeger, Marieke <mveeger@uci.ac.cr>, UCI - Universidad para la Cooperación Internacional

Deliverable Ranking

Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>

Submitted on 2016-03-04 at 02:41 UTC

What is your personal perspective of the importance of this product	<Not defined>
Deliverable dissemination	
Open access restriction: <Not defined>	
License adopted: <Not defined>	
Dissemination Channel: -1	
Dissemination URL: <Not defined>	
Deliverable Metadata	
Description: <Not defined>	
Creator / Authors: <Not defined>	
Author Identifier: <Not defined>	
Publication / Creation date: <Not defined>	
Language: <Not defined>	
Coverage: <Not defined>	
Deliverable Data sharing	
Deliverable files <Not defined>	

Deliverable #30

Main Information	
Title: Publication on the use of scenarios for policy guidance in Latin-America in a high-impact journal	
MOG # 2: Priority setting contextualised with national stakeholders and capacity strengthened to apply outputs in policy formulation; including trade-off analyses, foresight activities, and quantification of regional socio-economic scenarios	
Main Type: Peer reviewed Publications	Sub Type: Peer-reviewed journal articles
Year of expected completion: 2016	
Status: On-going	Justification for cancelling the deliverable: Starting in 2016.
Next-user	
Scientific community, policy formulators	

Submitted on 2016-03-04 at 02:41 UTC

Knowledge, attitude, skills and practice changes expected in next-user: Experiences and lessons learned from socioeconomic scenarios process in Latin America will allow scientific community to engage with the methodology and policy formulators to know about the process and see reflected their experiences which will be an incentive to keep implementing the process.

Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Submission to high-impact journals.

Partners contributing to this deliverable

Partner #1 (Responsible): Veeger, Marieke <mveeger@uci.ac.cr>, UCI - Universidad para la Cooperación Internacional

Deliverable Ranking

Address gender and social inclusion aspect	<Not defined>
Potential for/ actual contribution to outcomes	<Not defined>
Level of shared ownership (partnerships across org.)	<Not defined>
What is your personal perspective of the importance of this product	<Not defined>

Deliverable dissemination

Open access restriction: <Not defined>

License adopted: <Not defined>

Dissemination Channel: -1

Dissemination URL: [<Not defined>](#)

Deliverable Metadata

Description: <Not defined>

Creator / Authors: <Not defined>

Author Identifier: <Not defined>

Publication / Creation date: <Not defined>

Language: <Not defined>

Coverage: <Not defined>

Deliverable Data sharing

Deliverable files

<Not defined>

Submitted on 2016-03-04 at 02:41 UTC

Deliverable #31

Main Information	
Title: Paper on scenario guided development of Costa Rica´s INDC	
MOG # 1: Improved national planning processes through policy analyses, (re)formulation and implementation; and stakeholder analyses and engagement through scenarios, learning alliances and science-policy dialogues	
Main Type: Peer reviewed Publications	Sub Type: Peer-reviewed journal articles
Year of expected completion: 2016	
Status: On-going	Justification for cancelling the deliverable: The relevant advances: Marieke Veeger (UCI) is writing a paper about the challenges related to the design of an INDC and the advantages of a participatory multisector scenario approach, based on this year's scenario guided INDC of Costa Rica and Daniel Mason D´Croz (IFPRI) is writing a paper about the regional Andes scenarios. It is planned to be published in 2016.

Next-user
Science community in LAM and around science-policy links
Knowledge, attitude, skills and practice changes expected in next-user: Knowledge about key strategic issues for CSA and food systems in Andes and Central America; knowledge about effective policy-oriented scenario planning (combining scenarios and back-casting methods).
Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: A blog story around each paper; making the papers open access, sharing widely on networks (Oxford, CCAFS, IIASA, UCI, etc.)

Partners contributing to this deliverable
Partner #1 (Responsible): Veeger, Marieke <mveeger@uci.ac.cr>, UCI - Universidad para la Cooperación Internacional

Deliverable Ranking	
Address gender and social inclusion aspect	3
Potential for/ actual contribution to outcomes	5
Level of shared ownership (partnerships across org.)	5
What is your personal perspective of the importance of this product	5

Submitted on 2016-03-04 at 02:41 UTC

Deliverable dissemination
Open access restriction: Yes
License adopted: <Not defined>
Dissemination Channel: -1
Dissemination URL: <Not defined>

Deliverable Metadata
Description: <Not defined>
Creator / Authors: <Not defined>
Author Identifier: <Not defined>
Publication / Creation date: <Not defined>
Language: <Not defined>
Coverage: <Not defined>

Deliverable Data sharing
Deliverable files <Not defined>

Deliverable #32

Main Information	
Title: Shifting the paradigm: Narratives of the future guide the development of Costa Rica's INDC	
MOG # 1: Improved national planning processes through policy analyses, (re)formulation and implementation; and stakeholder analyses and engagement through scenarios, learning alliances and science-policy dialogues	
Main Type: Reports, Reference Materials and Other Papers	Sub Type: Policy briefs - Briefing paper
Year of expected completion: 2015	
Status: Complete	

Next-user
Policy makers (in multiple ministries and sectors, including NGOs, private, donors) in target countries as well as broader LAM region

Submitted on 2016-03-04 at 02:41 UTC

Knowledge, attitude, skills and practice changes expected in next-user: An easy access to the key insights from LAM scenarios processes and their policy impacts; interest in using scenarios methodology and outputs for policy guidance; links to more in-depth information. They will include descriptions of the entire policy guidance process beyond workshops (daily engagement with the policy writers).

Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Blogs supporting the policy briefs; wide dispersal through LAM networks and through networks of partner organizations; supported by videos on LAM scenarios processes that have been created in 2014. Responses to policy briefs will be tracked and documented.

Partners contributing to this deliverable

Partner #1 (Responsible): Veeger, Marieke <mveeger@uci.ac.cr>, UCI - Universidad para la Cooperación Internacional

Deliverable Ranking

Address gender and social inclusion aspect	3
Potential for/ actual contribution to outcomes	5
Level of shared ownership (partnerships across org.)	5
What is your personal perspective of the importance of this product	5

Deliverable dissemination

Open access restriction: Yes

License adopted: <Not defined>

Dissemination Channel: cgspace

Dissemination URL: <https://cgspace.cgiar.org/handle/10568/69238>

Deliverable Metadata

Description: This policy brief summarizes the process and main results of the development of Costa Rica's INDC through a participatory process in which the building and use of future scenarios was the first step in a national dialogue to define, test and improve mitigation measures to lower emissions of greenhouse gases.,Internal Review

Creator / Authors: Veeger M,Vervoort J,Martinez D,de Leon F,Paniagua F

Author Identifier: <Not defined>

Publication / Creation date: 2015-12-15T08:57:18Z,2015-12-15T08:57:18Z,2015-12-14

Language: English

Coverage: Costa Rica

Submitted on 2016-03-04 at 02:41 UTC

Deliverable Data sharing
<p>Deliverable files <Not defined></p>

Deliverable #33

Main Information		
<p>Title: Opinion Article: Enfrentar el cambio climático imaginando el futuro (Facing climate change imagining the future)</p>		
<p>MOG # 1: Improved national planning processes through policy analyses, (re)formulation and implementation; and stakeholder analyses and engagement through scenarios, learning alliances and science-policy dialogues</p>		
<table border="1"> <tr> <td> <p>Main Type: Communication Products and Multimedia</p> </td> <td> <p>Sub Type: Articles for media or news</p> </td> </tr> </table>	<p>Main Type: Communication Products and Multimedia</p>	<p>Sub Type: Articles for media or news</p>
<p>Main Type: Communication Products and Multimedia</p>	<p>Sub Type: Articles for media or news</p>	
<p>Year of expected completion: 2015</p>		
<p>Status: Complete</p>		

Next-user
<p>Policy formulators, decision maker, community of agricultural sector</p>
<p>Knowledge, attitude, skills and practice changes expected in next-user: Acknowledgment of the use on policy formulation of future scenarios methodology, mind changing on how to approach long term policy formulation.</p>
<p>Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: knowledge sharing, communication articles.</p>

Partners contributing to this deliverable
<p>Partner #1 (Responsible): Veeger, Marieke <mveeger@uci.ac.cr>, UCI - Universidad para la Cooperación Internacional</p>

Deliverable Ranking	
<p>Address gender and social inclusion aspect</p>	1
<p>Potential for/ actual contribution to outcomes</p>	3
<p>Level of shared ownership (partnerships across org.)</p>	4
<p>What is your personal perspective of the importance of this product</p>	4

Submitted on 2016-03-04 at 02:41 UTC

Deliverable dissemination
Open access restriction: Yes
License adopted: <Not defined>
Dissemination Channel: other
Dissemination URL: http://revistaproagro.com/opinion/enfrentar-el-cambio-climatico-imaginando-el-futuro/

Deliverable Metadata
Description: Opinion Article on Central American experience implementing socioeconomic scenarios, its advantages in addressing climate challenges in the agricultural sector.
Creator / Authors: Loboguerrero, A., Veeger, M., Urrea, JL., Schubert, C.
Author Identifier: <Not defined>
Publication / Creation date: 01/11/2015
Language: Spanish and English
Coverage: Central America


Deliverable Data sharing
Deliverable files <Not defined>

5.3 Summary on next-users

Next user #1
<p>Key next user for the current reporting period. Key game changers. Observed Knowledge, Attitude, Skills and practice changes: Act.286: The rural communities and indigenous, they achieved changes in knowledge about the use of forages, beans and other climate-smart practices. also they achieved to changes in skills in the identification, propagation and management of forages. Act.284: Key institutions to which the PhD students belong to were engaged with LAMNET vision, they are now acknowledging the value added that research on GHG would provide to support capacity building. Act.434: Future scenarios methodology was adopted by the Costa Rica government as a key tool to formulate its INDC. Act.280: Public and private sector stakeholders expressed the validity of implementing an index insurance product that would allow insurance companies to provide their services to previously inaccessible clients and extend the potential for rural communities to take productive opportunities. Act.279: National experts co-authors who are being familiarized with the methodology and able to provide their expertise.</p>
<p>Strategies (facilitation, engagement, knowledge sharing etc.) you used to encourage and enable this next user to utilize deliverables and adopt changes: Act.286: Workshops to define climate-smart practices agree with communities, visit to CIAT for demonstrating the use of new technologies, implementation of demonstrative plots and participatory assessment of Climate-smart practice. Act.284: Workshop, knowledge sharing, experiments. Act.434: Workshops, engagement with key national policy stakeholders, continuous meetings to follow up, writing blogs and briefs to make the methodology easy to understand. Act.280: Workshops, meetings, follow-up documents and briefs. Act.279: Online meetings and constant follow up.</p>
<p>Reported deliverables serve as evidence towards this achieved change: Act.286: Report on pilots identification and scalability strategies to strengthen extension services. Act.284: Workshop report, results from measurements. Act.434: Outcome report, follow up documents and publications. Act.280: Workshop and meetings report, Index insurance prototype. Act.279: No deliverables were established to be reported in 2015, however advances on chapters have been reviewed.</p>
<p>Lessons and implications for the next planning cycle: Act.286: It is necessary to provide support to communities to achieve good Carrying out the project by IFAD-FIMI funded. Overall challenges on achieving proposed deliverables given budget cuts.</p>

Submitted on 2016-03-04 at 02:41 UTC

5.4 Project highlights

Project highlight Information #1	
Title: LAMNET course in Colombia: A success	
Author: Ngonidzashe Chirinda (CIAT)	Subject: Summer school course
Publisher: CCAFS	Year: 2015
Project highlights types Capacity enhancement Food security	
Start date: 2015-08-24	End date: 2015-08-28
Is global: No	
Country: Costa Rica Colombia Argentina Nicaragua Brazil Trinidad and Tobago	Keywords: Innovation, measurements, modelling, policies, improved pastures, degraded pastures
<p>Highlight description: A summer school course was held at CIAT HQ from 24 to 28 August. The course was attended by 49 people (including participants and facilitators). Several themes were covered including sources and sinks of Greenhouse gases (Day 1); Methodologies for laboratory and field quantification of GHG emissions from agricultural systems (Day 2); Tools and models for estimating GHG emissions from soil and livestock (Day 3); strategies for reducing GHG emissions from agricultural systems (Day 4). On day 5 a joint experiment for quantifying GHG emissions from livestock urine patches on improved and degraded pastures was designed. During the first quarter of 2016, the PhD students will finalize an experiment on measuring GHG emissions from urine patches on improved and degraded pastures. Results from the experiments will be used to validate the DNDC model for tropical conditions.</p>	
<p>Introduction / Objectives: This activity sought to build a network aimed at promoting innovation in the climate change mitigation in Latin America. The target groups included PhD students from and working in Latin America and key stakeholders from the agriculture sector (i.e., farmer associations, NGOs, research institutions and government ministries). As part of this process representatives from the target group were invited to a summer course on climate change mitigation in crop and livestock systems. Moreover, the course included discussions on strategies and policies to catalyze emission reductions in the agricultural sector.</p>	

Submitted on 2016-03-04 at 02:41 UTC

Results: -The summer school course was build around four thematic areas 1) the theory on processes underlying GHG production and consumption in agricultural systems 2) Methodologies for measuring GHG emissions from agricultural systems (SAMPLES methodology) 2) tools and modeling of GHG emissions from crop and livestock systems and 3) innovative policies for supporting promotion of climate change mitigation actions.

- Facilitators included experts from CCAFS, CIAT, IDEAM, IMAFLORA, CIPAV, Corpoica, The Ministry of Environment (Colombia) and ICRAF (Kenya)

- The course which marked the start of CLIFF-LAMNET was attended by 49 people (26 male and 23 females). At least 6 of the participants were PhD students from five Latin American countries (Brazil, Colombia, Nicaragua, Argentina and Trinidad and Tobago). Key partners from the LivestockPlus project (UNAL-Medellin, CIPAV and INTA-Costa Rica) and the CCAC project (FEDEARROZ) also participated.

- Experimental plots to quantify GHG emissions from urine patches on improved and degraded pastures were set up in the 5 Latin American countries mentioned earlier.


Partners: CIAT, Ministries of Agriculture and Environment, FEDEGAN, FEDEARROZ, INTA-Costa rica, ICRAF-Kenya, UNAL-Medellin, CIPAV, Corpoica, IDEAM, IMAFLORA

Links / Sources for further information: <http://ciatblogs.cgiar.org/suelos/2015/09/24/cambio-climatico-sistemas-productivos-y-suelos-temas-tratados-una-escuela-de-verano-diferente/>

<https://www.youtube.com/watch?v=cmYrCqYqhYY>

<https://www.youtube.com/watch?v=tXISvzHSAfc&feature=youtu.be>

Submitted on 2016-03-04 at 02:41 UTC

Project highlight Information #1	
Title: Exploring methods for regional adaptation planning with small scale farmers: a scenario approach	
Author: Marieke Veeger, Regional Coordinator Future Scenario Program Latin America, University for International Cooperation (UCI)	Subject: Participatory planning and scenario development
Publisher: CCAFS	Year: 2015
Project highlights types Participatory action research Policy engagement Capacity enhancement	
Start date: 2014-08-01	End date: 2015-08-31
Is global: No	
Country: Honduras	Keywords: Regional adaptation – scenario planning — policymaking - small scale producers – cacao – climate change
<p>Highlight description: A multilevel scenario exercise with both key government decision makers and local small scale farmers enabled the Ministry of Agriculture and Livestock (SAG) of Honduras and a regional farmer association ACICAFOC to explore a methodology to create regional adaptation plans; validate a popular version of a national climate change adaptation strategy with local farmers; and identify challenges and opportunities in the future related to socio-economic and climate changes that might affect their agricultural production and livelihoods. Regional adaptation plans were based on a simplified participatory analysis of vulnerability and a national adaptation strategy. Visualizing future scenarios in self-made maps helped farmers to relate possible future changes to their territory.</p>	
<p>Introduction / Objectives: In 2014, CCAFS supported SAG in a multi-step process to design a strategy for agriculture and livestock climate change adaptation and risk management. This included a scenario exercise to increase the policies' resilience towards future changes in climate and context and include small scale farmer adaptation needs from a regional perspective. In 2015, SAG was searching for a method to ensure that the policy would trickle down and result in local/ regional adaptation plans on a farmer level. ACICAFOC wanted to train farmers in climate change, possible impacts on livelihoods and organize exchange of lessons learned between Central American farmers.</p>	
<p>Results: - 5 decision makers from the Ministry of Agriculture and Livestock (SAG) Climate Change Unit and 45 small scale farmer leaders from Central America trained in the scenario approach as a tool to create regional adaptation plans and identify key future challenges to adapt to climate change and opportunities to address them.</p> <p>- 4 regional adaptation plans for vulnerable territories in Honduras were created (Choluteca, La Ceiba, Iruya and Olancho), based on a national policy for climate change adaptation and local vulnerabilities.</p>	

Submitted on 2016-03-04 at 02:41 UTC

Partners: 45 Representatives of farmer associations from 5 countries in Central America and the Caribbean, all members of the Central American Association of farmer and indigenous producers (ACICAFOC).

Ministry of Agriculture and Livestock (SAG), Climate Change Unit.


University for International Cooperation (UCI)

Links / Sources for further information: Blog: Cacao farmers in Central America learn to plan for a more variable climate

Video: <https://www.youtube.com/watch?v=ME3HxZzLoiw>

Opinion Article: Central America can fight back against climate change by envisioning its future today

Submitted on 2016-03-04 at 02:41 UTC

Project highlight Information #1	
Title: Climate-smart practices to regain the food security of indigenous and peasant communities	
Author: Luis Armando Muñoz (CIAT)	Subject: Strengthen the adaptation capacities of indigenous and peasant women communities for greater food security.
Publisher: CCAFS	Year: 2015
<p>Project highlights types Participatory action research Gender and social inclusion Capacity enhancement Food security</p>	
Start date: 2015-02-02	End date: 2015-12-23
Is global: No	
Country: Colombia	Keywords: Indigenous communities, climate smart practices, climate change adaptation, information and communications technology.

Submitted on 2016-03-04 at 02:41 UTC

Highlight description: By the suggestion of the Colombian Ministry of Agriculture and Rural Development (MADR), CCAFS identified more than 50 indigenous and peasant communities in the South of Tolima department (located in Andean region) that being critically affected by climate change: Increasing temperature, long periods of drought and loss of diversity. A historical analysis of the temperature of the area (2004-2013), revealed severe weather conditions such as temperatures above 40°C and average monthly cumulative rainfall of 30 to 170 mm.

CCAFS started an extension service program in the area that also address climate change. Through participatory workshops, the community identified their most pressing problems, and selected alternative solutions by themselves; the identified alternatives were strengthened with climate-smart practices and technologies developed by CIAT and Corpoica-Colombian NARS. The community received training on these practices, and started using them. The community was very enthusiastic on trying approaches that regain their food security, realizing how some climate-smart practices already are recovering the landscape and becoming more productive.

Key elements of the new extension services were established: 1) Participatory identification of problems caused by climate change. 2) Identification of CSA practices to increase food production and income, 3) The incorporation of new Corpoica and CIAT technologies. 4) Implementation of CSA practices and 5) Establishment of M&E methodology.

The community leaders also emphasized their great need for skills in project development and fundraising to maintain the initiative; that's why CIAT and CCAFS supported the Association for the Future in Hands of Women (ASFUMUJER in Spanish), a women's organization, to manage and submit a project that would allow them to raise funds. IFAD and the International Indigenous Women's Forum (IIWF) allocated funds for two years for maintenance, monitoring and scaling these adaptation measures for 84 families. It is highlighted as some CSA practices really provide opportunities for communities to reconvert the productive landscape

Introduction / Objectives: Producer's associations in Nicaragua and Colombia will implement strategies proposed to develop strategies to strengthen extension services in prioritized crops.

Results: Along with communities in southern Tolima, two sites were selected to implement adaptation measures, and after a period of monitoring and evaluation by the participants, 24 families from two communities implemented drought-proof forages as alternative feed for livestock, expecting that the remaining cattle increase the milk production. These communities also evaluated the production of heat-tolerant beans as an alternative for their food security; currently they've obtained enough harvest to distribute among them to replant. 12 families from other communities implemented family orchards to contribute to food security, with the production of fruits and vegetables. Also, ASFUMUJER, with the support of CIAT and CCAFS, achieved the approval of their Project with IFAD and IIWF to continue their activities on adaptation to climate change.

Partners: In Colombia, Corpoica contributed in the participatory identification of options or climate-smart practices, selecting the use of banana production systems as an alternative. Peasant and indigenous communities: Cocana, Socorco and Asfumujer also play a key role in the implementation and identification of climate-smart practices.

In Nicaragua, we start in 2016, identifying key actors for extension services around the CCAFS climate-smart village of Tuma-La Dalia.

Links / Sources for further information: <http://ciatblogs.cgiar.org/agrobiodiversidad/intercambio-de-saberes-para-lograr-una-agricultura-adaptada-al-clima-en-el-sur-del-tolima/>
<https://ccafs.cgiar.org/es/blog/huertas-caseras-tipo-mandala-reviven-la-agricultura-de-natagaima#.VI9RknarSUK>
<http://dapa.ciat.cgiar.org/integrando-perspectiva-de-genero-en-agricultura-especifica-por-sitio-aeps-el-caso-de-nicaragua/>

Submitted on 2016-03-04 at 02:41 UTC

Project highlight Information #1	
Title: Media workshop engages journalists in Latin America	
Author: José Luis Urrea (CCAFS)	Subject: Strengthen capacities of Latin American journalists to report on science, agriculture and climate change
Publisher: CCAFS	Year: 2015
Project highlights types Successful communications Innovative non-research partnerships Capacity enhancement	
Start date: 2015-07-24	End date: 2015-10-06
Is global: No	
Country: Colombia Honduras Guatemala	Keywords: Information and communications technology, journalists,
<p>Highlight description: A media workshop was held at Tegucigalpa, Honduras on October 6th, 2015. The workshop was attended by 22 people (including participants and facilitators) and co-organized by CCAFS, CIAT and the Honduran Ministry of Agriculture (SAG). Journalists from 6 countries and local partners were invited, to be informed about the CCAFS activities on the region, and to learn directly from a CCAFS scientist (Peter Läderach) about climate change and variability, and to hear the experience of an awarded science journalist (Ángela Posada-Swofford) about how to communicate science in mass media. The second part was a simulation of a newsroom, where Ángela was the chief editor and the journalists had to draft and 'sell' their story. The inputs generated from this were the starting point for further stories published in the media companies where the participants work. After the event, a survey was conducted in where the journalists expressed complete satisfaction of the workshop, achieving all their expectations. In addition to the knowledge acquired, journalists established new contacts with colleagues from Latin America, creating the network of journalists and communicators in Latin America covering or working in the fields of science, agriculture and climate change. A community to share news, tips and useful links on science journalism.</p>	
<p>Introduction / Objectives: The main objective of the workshop was strengthen the capacity of Latin American journalists to report on climate phenomena and the impact of this on food security, and the activities being undertaken to prepare the Latin American agricultural sector led by CCAFS and CIAT. In specific, provide journalists from major newspapers in the region, scientific information to help them better understand the impacts of climate change; promote a space for a constructive debate about the alternatives of each country to address climate change, and place CCAFS and CIAT at the top-of-mind research on climate change in Latin America.</p>	

Submitted on 2016-03-04 at 02:41 UTC

Results: According to the survey conducted at the end of the workshop, all the participants were very pleased to be part of it, saying that the experience of the event was “terrific” and “make us think in new places and approaches to find stories”, “new sources of information” among other remarkable quotes.

- 20 people trained (12 females and 8 males)
- 9 new CCAFS media outreach derived from the participants of the workshop
- Social media campaign: the Hashtag #ComuniCACC was shared in 223 posts by 33 users, with a reach of 36.183 users and 435.973 impressions
- Increased the Latin American Science and Agriculture Communications Network, now with 39 members

Partners: CIAT, Honduran Ministry of Agriculture and Livestock (SAG), Directorate of Agricultural Science and Technology of Honduras (DICTA), Permanent Contingency Commission (COPECO).

Links / Sources for further information: Blog of the workshop: <https://ccafs.cgiar.org/es/queremos-que-la-gente-se-enamore-de-la-ciencia>

* CCAFS media outreach derived from the workshop * Contar historias de ciencia: una magnífica obsesión <http://www.ecocienciagt.com/articulos/contar-historias-de-ciencia-una-magnifica-obsesion> Saber comunicar sobre ciencia puede mejorar medios de vida <http://www.ecocienciagt.com/articulos/saber-comunicar-sobre-ciencia-puede-mejorar-medios-de-vida>

Tecnología puede revolucionar el agro <http://www.laprensa.com.ni/2015/10/22/economia/1922896-tecnologia-puede-revolucionar-el-agro>

“Hay que explicarle a los lectores por qué es tan importante el acuerdo mundial que se espera firmar en París” (crossposted)

<http://conexioncop.com/hay-que-explicarle-a-los-lectores-porque-es-tan-importante-el-acuerdo-mundial-que-se-espera-firmar-en-paris/>

<http://www.ambienteysociedad.org.co/es/hay-que-explicarle-a-los-lectores-por-que-es-tan-importante-el-acuerdo-mundial-que-se-espera-firmar-en-paris/>

COP21: Lograr un acuerdo en financiamiento será uno de los grandes desafíos

<http://conexioncop.com/cop21-lograr-un-acuerdo-en-financiamiento-sera-uno-de-los-grandes-desafios/>

Quién pagará los costos de la lucha contra el Cambio Climático

<http://comunicarseweb.com.ar/noticia/quien-pagara-los-costos-de-la-lucha-contra-el-cambio-climatico>


Cerrillos, el rincón del Cauca que se adapta al nuevo clima

<http://www.eltiempo.com/multimedia/especiales/cambio-climatico-en-el-cauca/16449579>

Adaptación al cambio climático, ¿solo en papel?

<http://www.laprensa.com.ni/2016/02/18/economia/1988103-adaptacion-al-cambio-climatico-solo-papel>

Submitted on 2016-03-04 at 02:41 UTC

Project highlight Information #1	
Title: Index Insurance for the Agricultural Sector in Central America	
Author: Sofia Martinez Saenz (IRI)	Subject: Index Insurance
Publisher: CCAFS	Year: 2015
<p>Project highlights types</p> <ul style="list-style-type: none"> Participatory action research Innovative non-research partnerships Policy engagement Capacity enhancement Food security 	
Start date: 2014-01-15	End date: 2015-12-15
Is global: No	
Country: Honduras	Keywords: Index insurance, Participatory processes, Rural development, Food security, Climate risk management, Human centered design
<p>Highlight description: The Index Insurance for the Agricultural Sector in Central America initiative led by the IRI has, since 2014, been working alongside Zamorano University and the Agriculture and Livestock Secretariat (SAG) to build local capacity to identify and implement participatory processes for the development of climate risk management solutions focused on rural development and driven by end-users.</p> <p>During its initial year the initiative engaged key local stakeholders to generate capacity to identify and assess farmers' needs in facing climate risks. After identifying the main risks and potential solutions for climate risk management, alongside producers, the project partners focused on designing and validating an index. The design and validation was an iterative process carried out throughout the first year and a half of the project, where producers provided feedback on the product's performance with respect to their experiences in the field.</p> <p>The second year of activities focused on designing and conducting an experimental dry-run (or non commercial pilot) in the El Paraíso Department, working with over 200 basic grains producers. The dry-run activities have a two-fold purpose: education and research. The educational component aims at working with producers throughout an agricultural year to help them understand how index insurance works and how it can work within their productive systems. The key research component of the experimental activities allows project partners and stakeholders to gather information about producers' preferences when faced with a portfolio of climate risk management strategies and answer key questions that can help better structure the commercial product. Additionally, these activities help stakeholders monitor the index's performance, to identify potential improvements that can help the product better assess the farmers' needs. With this information, the third year of the project will focus on structuring and piloting the first index insurance commercial product in Honduras.</p>	

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Introduction / Objectives: The efforts led by IRI in Honduras aim to generate local capacity to design and implement index insurance schemes for rural development and food security. IRI has been conducting workshops with key institutional players and trainings with farmers in the field to promote the adequate environment, where all levels of stakeholders are involved in the decision making processes that can lead to a successful and sustainable index insurance product. With Honduras as the pilot country, these efforts expect to reveal the potential for scaling in other countries in the region that face similar climate risks and food security issues.

Results: In the past two years, while working with over 340 farmers (in associations reaching over 3,000 producers in the Dry Corridor) and training over 50 representatives of 22 NGOs (with about 463 person-trained hours), government agencies, academia, and private sector actors, the IRI has built participatory processes to design, prototype and test a drought index insurance product based on satellite precipitation estimates.

Currently, the project aims to scale to other regions of interest, to support climate risk management efforts and allow further financial inclusion of rural communities leading to development.

Public and private sector stakeholders have discussed the need to improve access to credit among rural communities, where farmers are often marginalized by a hesitating private sector seeing the risk of loan default due to climate and other risks. Because existing traditional insurance schemes are too costly to implement at a smallholder farmer level, insurance companies have not been able to penetrate the rural sector. Thus, stakeholders expressed the validity of implementing an index insurance product that would allow insurance companies to provide their services to previously inaccessible clients and extend the potential for rural communities to take productive opportunities.

Even though the private sector is hesitant to implement innovative schemes, through ongoing capacity building and technical support efforts this initiative and the public sector supporters understand the great potential for a surge in demand for index insurance from end users and providers alike. Interest has been expressed in the potential to scale the current index not only to other regions, but also to other important crops, like coffee. Currently considered are options such as credit-bundled, input-bundled or stand-alone products that can facilitate the reach of financial mechanisms to support the development of the agricultural sector and the improvement of food security in the target regions.

Partners: This initiative's efforts have been supported by key local partners including the ministry of agriculture and livestock (SAG) and the agricultural university of El Zamorano.

The role of SAG has focused on generating awareness and bringing together key stakeholders from the public and private sectors to engage in discussions and generate local capacity for index insurance design and implementation. Due to the involvement of SAG, there has been increased interest from government agencies to learn about the initiative and support its development. Most recently working with DICTA, SAG's technology and information unit, to define how to support the development of additional indexed products, while supporting the implementation of the current pilot product. Additionally, through SAG the initiative has been able to connect to other climate information efforts ongoing in COPECO and have collaboratively defined a working pathway to support the development of climate services and the potential for COPECO to serve as a third-party index calculation agency responsible of providing clear and accurate information to both the private sector insurance providers and farmers themselves.

Zamorano has provided technical as well as local coordination support to this activity. Through their efforts and established connections, they help coordinate activities such as field visits, which are necessary to ensure the product meets end-users demand. In addition, as an academic institution, Zamorano has provided research support, by introducing their local knowledge into research activities conducted to test the product. Additionally, by developing Zamorano's capacity to develop index insurance, the initiative has assured the potential for scaling to new regions and other products, through leveraged funds. For example, Zamorano would support participatory feedback gathering in the field and continue to develop other products as demanded by the private and public sector, with IRI as a strategic partner.

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Links / Sources for further information: <http://iri.columbia.edu/news/video-what-tools-do-honduran-farmers-want-for-climate-risk/>
<https://cloud.iri.columbia.edu/index.php/s/rGbSGP2YejFVyU6>
<https://ccafs.cgiar.org/es/blog/conociendo-sobre-riesgos-clim%C3%A1ticos-en-la-agricultura-empecemos-por-el-%E2%80%98%C3%ADndice%E2%80%99#.Vs5SbJMrKR>
<https://ccafs.cgiar.org/es/blog/decisiones-m%C3%A1s-seguras-para-enfrentar-la-sequ%C3%ADa#.Vs5SbpMrKR>

6. Activities

Activity #1	
Title: Monographs for Latin America	
Description: There is limited country-specific data analysis for the impacts of climate change on agriculture. In order to address this gap and to assist policymakers in their ability to make policy using evidence-based inputs, we intend to apply several different modeling techniques to better understand what impacts climate change will likely have, and potential adaptation options that could help farmers compensate for negative impacts.	
The primary output from this project is a monograph (or possibly a set of monographs, depending on the length), both in English and Spanish, that other researchers (both national and international), policymakers, and donors can use to inform and shape policy. Because of the geographic resolution of some of the models, this would even allow for geographically targeted interventions.	
Start date (dd-MM-yyyy): 01-01-2015	End date (dd-MM-yyyy): 30-12-2016
Leader: Thomas, Tim <tim.thomas@cgiar.org>, IFPRI - International Food Policy Research Institute	
Status: On-going	Justification: Drafts of country chapters on monographs have been developed. Currently, country chapters are being reviewed and regional chapter developed.

Activity #2	
Title: Index insurance for the agricultural sector in Central America	
Description: This activity outlines three-years of a multi-year effort, launching collaborations for identifying and implementing farmer-driven, development-focused processes for generating climate risk solutions. As part of an engagement between IRI, CCAFS, CGIAR, SAG, and Zamorano, participatory processes have been established to gather information from farmers and partners to develop a dry run index, that would transition to a pilot index insurance commercial product. The IRI has strengthened initial partnerships and facilitated capacity building, with a focused effort to arrive, at an index insurance commercial pilot project that is built upon the expertise and training of CGIAR, Zamorano and local stakeholders. IRI will provide technical support for Year-3 implementation activities, working with partners and local stakeholders, by following-up on lessons learned from the previous project activities and commercial pilot rollout plan. IRI will also support scale-up activities, working with local partners to develop an implementation plan through strategic partnerships across the region.	
Start date (dd-MM-yyyy): 01-01-2015	End date (dd-MM-yyyy): 30-12-2016
Leader: Osgood, Daniel <deo@iri.columbia.edu>, Columbia University	
Status: On-going	Justification: Conducted workshop with local stakeholders to build capacity on participatory index design processes. Gathered feedback from the field to design a draft index product. Carried out experimental dry-run activities with over 230 farmers to test prototype product and gather feedback to adjust final prototype. Finalized prototype index insurance product.

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Activity #3

Title: CLIFF-LAMNET Capacity building network

Description: The project strengthens capacities of postgraduate students to monitor GHG emissions for major GHG emitting agroecosystems in LAM. Specifically, The students, enrolled at a local university, will undergo a one week intensive course on conducting GHG research which will cover theory on processes underlying GHG emissions and conduction field measurements. The students will receive a grant to conduct measurements of GHG emissions using SAMPLES methodology to determine emission factors of livestock (2015). In 2016 hotspots of GHG emissions from land use options in CSVs (Colombia and Nicaragua) will be identified. GHG from the selected hot spots will be quantified through field measurements. Subsequently, generated data will be used for model validation and optimization. In each of the selected countries, a postgraduate student, will conduct the field measurements. The GHG laboratory at CIAT, will provide scientific and technical support for the students and will also be responsible for the modeling.

Start date (dd-MM-yyyy): 01-01-2015

End date (dd-MM-yyyy): 31-12-2016

Leader: Chirinda, Ngonidzashe <n.chirinda@cgiar.org>, CIAT - Centro Internacional de Agricultura Tropical

Status: On-going

Justification: The summer school course was held. Measurements of GHG emissions from urine patches on improved and degraded pastures are ongoing.

Activity #4

Title: Extension services in prioritized crops in LAM

Description: The activity aims to strengthen extension services in Latin America through partnerships in order to provide to producer's organizations decision support tools that they can use to make more informed decisions on what would be the best climate smart practice to be implemented by farmers associations and growers to improve their crop's productivity, yield and income.

Start date (dd-MM-yyyy): 01-01-2015

End date (dd-MM-yyyy): 31-12-2016

Leader: Jimenez, Daniel <d.jimenez@cgiar.org>, CIAT - Centro Internacional de Agricultura Tropical

Status: On-going

Justification: Review of literature on extension services performed. key issues were identified. a pilot with indigenous communities in southern Tolima case was implemented and is evaluating the use of climate-smart practices.

Activity #5

Title: Scenario-guided policy development and testing in Latin America

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Description: In Honduras in 2014, the Secretariat for Agriculture and Livestock's ACC&GRAC plan for agricultural climate adaptation has been tested in a workshop with the policy writers responsible for the plan and the smallholders who are the targeted beneficiaries, using scenarios to review the feasibility of the plan. The SAG's original draft was thoroughly reviewed and revised using the down-scaled scenarios. In Peru in November 2014, in a workshop funded by UNEP WCMC, governments from Colombia, Bolivia, Peru and Ecuador reviewed their plans using the andean countries scenarios which were translated into land use, ES and biodiversity maps. In Trifinio a regional policy guidance workshop was organized with the World Resources Institute in September 2014. In 2015, Scenarios supported INDCs formulation in Costa Rica and ACICAFOC planning processes. In 2016 the scenario guided policy processes are expected to result in policy change at national level in at least 2 new countries.	
Start date (dd-MM-yyyy): 01-01-2015	End date (dd-MM-yyyy): 31-12-2016
Leader: Loboguerrero, Ana Maria <a.m.loboguerrero@cgiar.org>, RPL LAM - RPL Latin America	
Status: On-going	Justification: Outcome achieved through this activity by using future scenarios methodology to formulate Costa Rica INDCs and various deliverables supporting this process as well as Honduras Agricultural Sector Adaptation Strategy. In 2016 there will be a continuation of future scenarios activities in the region, in order to achieve engagement with at least 2 countries, development of fundraising strategies and capacity building of regional stakeholders in future scenarios methodology.

Lessons regarding your project activities and possible implications for the coming planning cycle: Work on GHG emissions from crop and pasture systems in the region are limited. In the coming planning cycle, there is need to include fundraising activities to conduct more GHG research.

Work on extension services in the next cycle will focus on exploring and strengthen actors providing services extención around CSV in Nicaragua.

Submitted on 2016-03-04 at 02:41 UTC

7. Leverages

Leverage #1	
Title: RENACER PARA LAS COMUNIDADES INDÍGENAS EN NATAGAIMA TOLIMA – ADAPTACIÓN AL CAMBIO CLIMÁTICO Y SEGURIDAD	
Partner name: ASFUMUJER - Asociación para el Futuro con Manos de Mujer - Colombia	
Year: 2015	
Flagship: FP1: Climate-smart practices	Budget: US \$40,000.00